#### SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS DEQ USE ONLY DEO PROCESS CODE DEQ STACK ID CODE DEQ PLANT ID CODE DEQ BUILDING ID CODE PRIMARY SCC SECONDARY SCC DEQ SEGMENT CODE PART A: GENERAL INFORMATION PROCESS CODE OR DESCRIPTION Storage of petroleum products N/A STACK DESCRIPTION BUILDING DESCRIPTION Tank 202 (CPL) 2002\*\*\* DATE INSTALLED OR LAST MODIFIED GENERAL TANK AND MATERIAL HANDLING DATA MATERIAL DESCRIPTION Gașoline 94,678,122 TANK CAPACITY (GALLONS) 1,629,936 ANNUAL THROUGHPUT (GALLONS) SOURCE PLEASE CHOOSE FROM BELOW PLEASE CHOOSE FROM BELOW (01) FIXED ROOF; (01) PIPELINE; (02) FLOATING ROOF (OR INTERNAL COVER); (03) VARIABLE VAPOR SPACE; (02) RAIL CAR; (03) TANK TRUCK; (04) PRESSURE TANK; (04) SHIP BARGE (05) UNDERGROUND - SPLASH LOADING (05) OTHER (06) OTHER ADDITIONAL VAPOR PHASE DEGREASING DATA MANUFACTURER OF DEGREASING AGENT TANK SURFACE AREA (SQ. FT) TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F) METHOD OF VAPOR RECOVERY Please choose from below (01) Incineration; (02) Refrigerated Liquid Scrubber, (03) Refrigerated Condenser, (04) Carbon Adsorption; (05) Vapor Return System; (06) No Recovery System (07) Other ADDITIONAL MATERIAL HANDLING DATA NUMBER OF COMPRESSOR PHYSICAL STATE NUMBER OF NUMBER OF IN-LINE \*\* (SEE NOTE BELOW) PUMP SEALS SEALS VALVES NUMBER OF NUMBER OF OPEN-ENDED NUMBER OF SAMPLING NUMBER OF SAFETY RELIEF VALVES FLANGES LINES CONNECTIONS MATERIAL DATA HAP DESCRIPTION HAP FRACTION IN HAP CAS NUMBER MATERIAL BY WEIGHT 2,2,4 TMP 540-84-1 1.97E-02 1.29E-02 Benzene 71-43-2 Biphenyl 92-52-4 0.00E+00 Cresols 1319-77-3 ND Cumene 98-82-8 1.50E-03 Ethylbenzene 100-41-4 9.26E-03 Hexane 110-54-3 1.34E-02 MTBE 1634-04-4 0.00E+00 3.03E-03 Napthalene 91-20-3 ND Phenol 108-95-2 Styrene 100-42-5 7.80E-04 108-88-3 5.25E-02 Toluene

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

Xylenes

1330-20-7

4.91E-02

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

<sup>\*\*\*</sup>Secondary seals and guidepole sleeves installed.

| SECTION 5, PART B  |  | (TANK 202 - CPL)    |                          | *   |                       |                          |           |
|--|--|---------------------|--------------------------|---|-----------------------|--------------------------|-----------|
| OF<br>PERCENT FUEL CONSUI  | PERATING DATA<br>MPTION PER QUARTER  |                     | OPERATING SCHEDULE       | ÷   |                       |                          |           |
| DEC-FEB  | 25   |                     | HOURS/DAY                | 24  |                       |                          |           |
| MAR-MAY  | 25   | •                   |                          | 24  |                       |                          |           |
| JUN-AUG  | 25   |                     | DAYS/WEEK                | 7   |                       |                          |           |
| _  |  |                     | WEEKS/YEAR               | 52  |                       |                          |           |
| SEP-NOV  | 25   |                     |                          |   |                       |                          |           |
| PO   | LLUTION CONTROL EQUIPMEN   | I                   |                          |   |                       |                          |           |
| PARAMETER  |  | PRIMARY             |                          | SECONDA   | RY                    |                          |           |
| TYPE   |  | N/A                 |                          |   |                       |                          |           |
| TYPE CODE (FROM APP.   | A)   |                     |                          | <u></u>   |                       |                          |           |
| MANUFACTURER   |  |                     |                          |   |                       |                          |           |
| MODEL NUMBER   |  |                     |                          |   |                       |                          |           |
| PRESSURE DROP (IN. OF  | WATER)   |                     |                          |   |                       |                          |           |
| WET SCRUBBER FLOW (C   | ЗРМ)   |                     |                          |   |                       |                          |           |
| BAGHOUSE AIR/CLOTH R   | ATIO (FPM)   |                     |                          |   |                       |                          |           |
|  |  |                     |                          |   |                       |                          |           |
|  | NTILATION AND BUILDING/AREA  |                     | STACK DAT                | <b>'A</b>   |                       |                          |           |
| ENCLOSED? (Y/N)  |  | N/A                 | GROUND ELEVATION (FT)    |   |                       | N/A                      |           |
| HOOD TYPE (FROM APP. I   | B)   |                     | UTM X COORDINATE (KM)    |   |                       |                          |           |
| MINIMUM FLOW (ACFM)  |  |                     | UTM Y COORDINATE (KM)    |   |                       |                          |           |
| PERCENT CAPTURE EFFN   | CIENCY   |                     | STACK TYPE (SEE NOTE BE  | ELOW)   |                       |                          |           |
| BUILDING HEIGHT (FT)   |  |                     | STACK EXIT HEIGHT FROM   | GROUND LEVEL (FT)   |                       |                          |           |
| BUILDING LENGTH (FT)   |  |                     | STACK EXIT DIAMETER (FT) |   |                       |                          |           |
| BUILDING WIDTH (FT)  |  | ·                   | STACK EXIT GAS FLOWRAT   | E (ACFM)  |                       |                          |           |
|  |  |                     |                          |   |                       |                          |           |
|  |  |                     | STACK EXIT TEMPERATURE   | (DEG. F)  |                       |                          |           |
| AIR  | POLITICIANT FUNSSIONS  |                     | STACK EXIT TEMPERATURE   | E (DEG. F)  |                       |                          |           |
| AIR. POLLUTANT   | POLLUTANT EMISSIONS<br>CAS NUMBER  | EMISSION*           | STACK EXIT TEMPERATURE   |   | ALL OWARLE            | EMISSIONS                |           |
|  |  | FACTOR              | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED  |                       | E EMISSIONS              |           |
|  |  |                     | PERCENT                  | ESTIMATED OR  | ALLOWABLE<br>(LBS/HR) | E EMISSIONS<br>(TONS/YR) | REFERENCE |
|  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| POLLUTANT  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| POLLUTANT  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| PM<br>PM-10  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| PM PM-10 SO2   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| PM PM-10 SO2   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD   | CAS NUMBER   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE   | CAS NUMBER  540-B4-1 71-43-2   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL  | CAS NUMBER  540-84-1 71-43-2 92-52-4   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE   | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  4.7E-05                                     |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                      | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  0.0E+00  4.7E-05                            |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                             | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3                                     | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  4.7E-05                                     |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-MEXANE MTBE                        | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4                        | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  0.0E+00  4.7E-05                            |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                             | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3                                     | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  4.7E-05  3.5E-04  3.4E-03                   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-MEXANE MTBE                        | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4                        | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  4.7E-05  3.5E-04  3.4E-03                   |                       |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3             | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  4.7E-05  3.5E-04  3.4E-03  0.0E+00  7.8E-05 |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL     | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2 | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  0.0E+00  4.7E-05  3.5E-04  3.4E-03  0.0E+00  7.8E-05 |                       |                          | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/UNIT: PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| DEQ USE ONLY  |                         |                                 |                          |   |                                      |     |
|---|-------------------------|---------------------------------|--------------------------|---|--------------------------------------|-----|
| DEQ PLANT ID CODE   | DEQ PROCESS CODE        |                                 | DEQ                      | STACK ID CODE   |                                      |     |
| DEC BUILDING ID CODE  | PRIMARY SCC             |                                 | SECO                     | ONDARY SCC  |                                      | ł   |
| DEQ SEGMENT CODE  |                         |                                 |                          |   |                                      |     |
|   |                         |                                 |                          |   |                                      |     |
| PART A: GENERAL INFORMATION   |                         |                                 |                          |   |                                      |     |
| PROCESS CODE OR DESCRIPTION   | Storage of petroleum p  | roducts                         |                          |   |                                      |     |
| STACK DESCRIPTION   | N/A                     |                                 |                          |   |                                      |     |
| BUILDING DESCRIPTION  | Tank 203 (CPL)          |                                 |                          |   |                                      |     |
| DATE INSTALLED OR 2002*** LAST MODIFIED                               |                         |                                 |                          |   |                                      |     |
| GENERAL TANK AND MATERIAL HANDLIN                                     | G DATA                  |                                 |                          |   |                                      |     |
| MATERIAL DESCRIPTION Gasoline/Diesel*                                 |                         | ]                               |                          |   |                                      |     |
| TANK CAPACITY (GALLONS) 1,646,484                                     | ANNUAL THROUGHPUT (G    | ALLONS)                         | 167,321,406              |   |                                      |     |
| TANK TYPE 02  |                         | SOURCE                          | 01                       |   |                                      |     |
| PLEASE CHOOSE FROM BELOW . (01) FIXED ROOF;                           |                         | PLEASE CHOOSI<br>(01) PIPELINE; | E FROM BELOW             |   |                                      |     |
| (02) FLOATING ROOF (OR INTERNAL COVER);<br>(03) VARIABLE VAPOR SPACE; |                         | (02) RAIL CAR;<br>(03) TANK TRU |                          |   |                                      |     |
| (04) PRESSURE TANK;<br>(05) UNDERGROUND - SPLASH LOADING              |                         | (04) SHIP BARG<br>(05) OTHER    | E;                       |   |                                      |     |
| (06) OTHER  |                         |                                 |                          |   |                                      |     |
| ADDITIONAL VAPOR PHASE DEGREASING                                     | DATA                    |                                 |                          |   |                                      |     |
| MANUFACTURER OF DEGREASING AGENT                                      |                         |                                 | TAN                      | K SURFACE AREA (SQ.                                   | .FT)                                 |     |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. )                       | =)                      |                                 | METT                     | HOD OF VAPOR RECO                                     | VERY                                 |     |
| TEMPERATURE OF BEGINDING NOZITY IN WITH (BED)                         | •                       |                                 |                          | se choose from below<br>) incineration;               |                                      |     |
|   |                         |                                 | (03)                     | ) Refrigerated Liquid Scri<br>) Refrigerated Condense |                                      |     |
|   |                         |                                 | (05)                     | ) Carbon Adsorption;<br>) Vapor Return System;        |                                      |     |
|   |                         |                                 |                          | No Recovery System; Other                             |                                      |     |
|   |                         |                                 |                          | <u> </u>  |                                      |     |
| ADDITIONAL MATERIAL HANDLING DATA                                     |                         |                                 |                          |   |                                      |     |
| PHYSICAL STATE (SEE NOTE BELOW) L OF H                                | NUMBER OF<br>PUMP SEALS | ••                              | NUMBER OF COMPRESS SEALS | SOR   | NUMBER OF IN-LIN                     | ••  |
| (SEE NOTE BELOW) [L OF H ] NUMBER OF SAFETY                           | NUMBER OF               |                                 | NUMBER OF OPEN-ENDE      | ED  | NUMBER OF SAMPI                      | ING |
| RELIEF VALVES **  | FLANGES                 | ••                              | LINES                    |   | CONNECTIONS                          |     |
| MATERIAL DATA   |                         |                                 |                          |   |                                      |     |
| HAP DESCRIPTION   |                         |                                 | HAP CAS<br>NUMBER        | ,   | HAP FRACTION IN<br>MATERIAL BY WEIGH | т   |
| lo o 4 TMD  |                         | •                               | 540-84-1                 |   | 0.00E+00                             |     |
| 2,2,4 TMP Benzene   |                         |                                 | 71-43-2                  |   | 1.29E-02                             |     |
|   |                         |                                 | 92-52-4                  |   | 7.10E-04                             |     |
| Biphenyl Cresols  |                         |                                 | 1319-77-3                |   | 2.40E-04                             |     |
| Curnene   |                         |                                 | 98-82-8                  |   | 9.26E-03                             |     |
|   |                         |                                 | 100-41-4                 |   | 1.34E-02                             |     |
| Ethylbenzene  |                         |                                 | 110-54-3                 |   | 7.80E-04                             |     |
| Hexane  |                         |                                 | 1634-04-4                |   | 2.40E-02                             |     |
| MTBE  |                         |                                 | 91-20-3                  |   | 1.97E-02                             |     |
| Napthalene  |                         |                                 |                          |   | 2.60E-03                             |     |
| Phenol  |                         |                                 | 108-95-2                 |   |                                      |     |
| Styrene   |                         |                                 | 100-42-5                 | İ   | 4.91E-02                             |     |
| Toluene   |                         |                                 | 108-88-3                 |   | 0.00E+00                             |     |
| Xylenes   |                         |                                 | 1330-20-7                |   | 0.00E+00                             |     |
| NOTE: PHYSICAL STATE - VI VAPOR LIGHT: L) LIQUID LIG                  | HT: H) HEAVY LIGHT      |                                 |                          |   |                                      |     |

<sup>&</sup>quot;This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

| SECTION 5, PART B   |   | (TANK 203 - CPL)           |                         |  |                      |                          |           |
|---|---|----------------------------|-------------------------|--|----------------------|--------------------------|-----------|
| DEDCENT FILE CO   | OPERATING DATA  NSUMPTION PER QUARTER   |                            | OPERATING SCHEDULE      |  |                      |                          |           |
| DEC-FEB   | 25  |                            | HOURS/DAY               | 24   |                      |                          |           |
|   | 25  |                            | DAYS/WEEK               | 7  |                      |                          |           |
| MAR-MAY   |   |                            | WEEKS/YEAR              | 52   |                      |                          |           |
| JUN-AUG   | 25  |                            | WEEKSTEAK               |  |                      |                          |           |
| SEP-NOV   | 25  |                            |                         |  |                      |                          |           |
|   | POLLUTION CONTROL EQUIPMEN  | I                          |                         |  |                      |                          |           |
| PARAMETER   |   | PRIMARY                    | <del></del>             | SECONDARY  | <u>,</u>             |                          | <b>!</b>  |
| TYPE  |   | N/A                        |                         |  | <del></del>          |                          |           |
| TYPE CODE (FROM   | APP. A)   |                            |                         |  | <u></u>              |                          |           |
| MANUFACTURER  |   |                            |                         |  |                      |                          |           |
| MODEL NUMBER  |   |                            |                         |  |                      |                          |           |
| PRESSURE DROP (   | IN. OF WATER)   |                            |                         |  |                      |                          |           |
| WET SCRUBBER FL   | .OW (GPM)   |                            |                         |  | _                    |                          |           |
| BAGHOUSE AIR/CLO  | OTH RATIO (FPM)   |                            |                         |  | ]                    |                          |           |
|   |   |                            |                         |  |                      |                          |           |
|   | VENTILATION AND BUILDING/AREA   |                            | STACK DAT               | <b>LA</b>  |                      | <u></u>                  |           |
| ENCLOSED? (Y/N)   |   | N/A                        | GROUND ELEVATION (FT)   |  |                      | N/A                      |           |
| HOOD TYPE (FROM   | APP. B)   |                            | UTM X COORDINATE (KM)   |  |                      |                          |           |
| MINIMUM FLOW (AC  | FM)   |                            | UTM Y COORDINATE (KM)   |  |                      |                          |           |
| PERCENT CAPTURE   | E EFFICIENCY  |                            | STACK TYPE (SEE NOTE BE | ELOW)  |                      |                          |           |
| BUILDING HEIGHT (I  | FT)   | <u> </u>                   | STACK EXIT HEIGHT FROM  | GROUND LEVEL (FT)  |                      |                          |           |
| BUILDING LENGTH (   | (FT)  | <u> </u>                   | STACK EXIT DIAMETER (FT | 7  |                      |                          |           |
| BUILDING WIDTH (F   | Τ)  |                            | STACK EXIT GAS FLOWRAT  | TE (ACFM)  |                      |                          |           |
|   |   |                            |                         |  |                      |                          |           |
| ,   |   |                            | STACK EXIT TEMPERATUR   | E (DEG. F)   |                      | L                        |           |
| ,   |   |                            | STACK EXIT TEMPERATUR   | E (DEG. F)   |                      |                          |           |
|   | AIR POLLUTANT EMISSIONS  CAS NUMBER   | EMISSION"                  | STACK EXIT TEMPERATUR   | E (DEG. F)  ESTIMATED OR   | ALLOWABL             | E EMISSIONS              |           |
| POLLUTANT   | AIR POLLUTANT EMISSIONS<br>CAS NUMBER   | EMISSION* FACTOR (SEE NOTE | PERCENT<br>CONTROL      | ESTIMATED OR<br>MEASURED   |                      |                          | REFERENCE |
|   |   |                            | PERCENT                 | ESTIMATED OR   | ALLOWABL<br>(LBS/HR) | E EMISSIONS<br>(TONS/YR) | REFERENCE |
|   |   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| POLLUTANT   |   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| POLLUTANT   |   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| POLLUTANT PM PM-10  |   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| POLLUTANT  PM  PM-10  SO2   |   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO   |   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO  NOx  |   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                      |                          | REFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO  NOx  VOC  LEAD.  |   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD. 2.2,4 TMP  | CAS NUMBER  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03   |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOx VOC LEAD 2.2.4 TMP BENZENE   | CAS NUMBER  540-84-1  71-43-2   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBSAHR)  4.8E-01  1.9E-03  2.1E-03  |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | CAS NUMBER  540-84-1  71-43-2  92-52-4  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  1.7E-05   |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE   | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8                                      | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  1.7E-05  4.7E-05  |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4                          | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBSAHR)  4.8E-01  1.9E-03  2.1E-03  1.7E-05  4.7E-05  |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                         | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3              | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  1.7E-05  1.2E-05  4.7E-05  3.5E-04  3.4E-03                   |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                    | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4 | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  1.7E-05  1.2E-05  4.7E-05  3.5E-04  3.4E-03                   |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3              | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  1.7E-05  1.2E-05  4.7E-05  3.5E-04  3.4E-03  0.0E+00  7.9E-05  |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2     | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  1.7E-05  1.2E-05  4.7E-05  3.5E-04  3.4E-03  0.0E+00  7.9E-05 |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3              | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL      | ESTMATED OR MEASURED EMISSIONS (LBS/HR)  4.8E-01  1.9E-03  2.1E-03  1.7E-05  1.2E-05  4.7E-05  3.5E-04  3.4E-03  0.0E+00  7.9E-05  |                      |                          | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LIBSUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

1330-20-7

XYLENES

1.8E-03

| DEQ USE ONLY  |                         |                                 |                                       |  |                                      |   |
|---|-------------------------|---------------------------------|---------------------------------------|--|--------------------------------------|---|
| DEQ PLANT ID CODE   | DEQ PROCESS CODE        |                                 |                                       | DEQ STACK ID CODE  |                                      | ]                                       |
| DEQ BUILDING ID CODE  | PRIMARY SCC             |                                 |                                       | SECONDARY SCC  |                                      | ]                                       |
| DEQ SEGMENT CODE  |                         | ·                               |                                       |  |                                      |   |
|   |                         |                                 |                                       |  |                                      |   |
| PART A: GENERAL INFORMATION   |                         |                                 |                                       |  |                                      | -                                       |
| PROCESS CODE OR DESCRIPTION   | Storage of petroleum p  | roducts                         |                                       |  |                                      | <u></u>                                 |
| STACK DESCRIPTION   | N/A                     |                                 |                                       |  |                                      | ]                                       |
| BUILDING DESCRIPTION  | Tank 204 (CPL)          |                                 |                                       |  |                                      |   |
| DATE INSTALLED OR 2002*** LAST MODIFIED                               |                         |                                 |                                       |  |                                      |   |
| GENERAL TANK AND MATERIAL HANDLIN                                     | G DATA                  |                                 |                                       |  |                                      |   |
| MATERIAL DESCRIPTION Gasoline/Diesel*                                 |                         | ]                               |                                       |  |                                      |   |
| TANK CAPACITY (GALLONS) 771,330                                       | ANNUAL THROUGHPUT (G    | ALLONS)                         | 53,232,102                            | ]  |                                      |   |
| TANK TYPE 02  |                         | SOURCE                          | 01                                    |  |                                      |   |
| PLEASE CHOOSE FROM BELOW<br>(01) FIXED ROOF;                          |                         | (01) PIPELINE;                  | SE FROM BELOW                         |  |                                      |   |
| (02) FLOATING ROOF (OR INTERNAL COVER);<br>(03) VARIABLE VAPOR SPACE; |                         | (02) RAIL CAR;<br>(03) TANK TRU | CK;                                   |  |                                      |   |
| (04) PRESSURE TANK;<br>(05) UNDERGROUND - SPLASH LOADING              |                         | (04) SHIP BAR<br>(05) OTHER     | · · · · · · · · · · · · · · · · · · · |  |                                      | ]                                       |
| (06) OTHER  |                         |                                 |                                       |  |                                      |   |
| ADDITIONAL VAPOR PHASE DEGREASING                                     | DATA                    |                                 |                                       |  |                                      |   |
| MANUFACTURER OF DEGREASING AGENT                                      |                         |                                 |                                       | TANK SURFACE AREA (SQ                                      | I. FT)                               |   |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F                       | ;)                      |                                 |                                       | METHOD OF VAPOR RECO                                       | VERY                                 |   |
|   |                         |                                 |                                       | Please choose from below (01) Incineration;                |                                      |   |
|   |                         |                                 |                                       | (02) Refrigerated Liquid Scr<br>(03) Refrigerated Condense |                                      |   |
|   |                         |                                 |                                       | (04) Carbon Adsorption;<br>(05) Vapor Return System;       |                                      |   |
|   |                         |                                 |                                       | (06) No Recovery System;<br>(07) Other                     |                                      |   |
|   |                         |                                 |                                       |  |                                      | *************************************** |
| ADDITIONAL MATERIAL HANDLING DATA                                     | •                       | 4                               |                                       |  |                                      |   |
| PHYSICAL STATE (SEE NOTE BELOW) L or H                                | NUMBER OF<br>PUMP SEALS |                                 | NUMBER OF COMP                        | RESSOR   | NUMBER OF IN-LIN<br>VALVES           | E                                       |
| (SEE NOTE BELOW) L OT H NUMBER OF SAFETY                              | NUMBER OF               |                                 | NUMBER OF OPEN-                       |  | NUMBER OF SAMP                       |   |
| RELIEF VALVES   | FLANGES                 | ••                              | LINES                                 | **   | CONNECTIONS                          |   |
| MATERIAL DATA   |                         |                                 |                                       |  |                                      |   |
| HAP DESCRIPTION   |                         |                                 | HAP CAS<br>NUMBER                     |  | HAP FRACTION IN<br>MATERIAL BY WEIGH | т                                       |
| 2,2,4 TMP   |                         |                                 | 540-84-1                              |  | 0.00E+00                             |   |
| Benzene   |                         |                                 | 71-43-2                               |  | 1,29E-02                             |   |
| Biphenyl  |                         |                                 | 92-52-4                               |  | 7.10E-04                             |   |
| Cresols   |                         |                                 | 1319-77-3                             |  | 2.40E-04                             |   |
| Cumene  |                         |                                 | 98-82-8                               |  | 9.26E-03                             |   |
| Ethylbenzene  |                         | -                               | 100-41-4                              |  | 1.34E-02                             |   |
| Hexane  |                         |                                 | 110-54-3                              |  | 7.80E-04                             |   |
| MTBE ·  |                         |                                 | 1634-04-4                             |  | 2.40E-02                             |   |
| Napthalene  |                         |                                 | 91-20-3                               |  | 1.97E-02                             |   |
| Phenol  |                         |                                 | 108-95-2                              |  | 2.60E-03                             |   |
| Styrene   | <del></del>             |                                 | 100-42-5                              | ·  | 4.91E-02                             |   |
| Toluene   |                         |                                 | 108-88-3                              |  | 0.00E+00                             |   |
|   |                         |                                 | 1330-20-7                             | :  | 0.00E+00                             |   |
| Xylenes   |                         |                                 | 1550-20-7                             | l  | U.00E+00]                            |   |

<sup>\*</sup>This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugilities emissions.

| SECTION 5, PART B   |  | ( 204 - CPL)                         |  |                          |                              |       |
|---|--|--------------------------------------|--|--------------------------|------------------------------|-------|
| OPERATING PERCENT FUEL CONSUMPTION P  |  |                                      |  |                          |                              |       |
|   |  |                                      | 3 SCHEDULE   |                          |                              |       |
| DEC-FEB   | 25   | HOURS/DA                             | Y 24   |                          |                              |       |
| MAR-MAY   | 25   | DAYS/WEE                             | K7   |                          |                              |       |
| JUN-AUG   | 25   | WEEKS/YE                             | AR 52  |                          |                              |       |
| SEP-NOV   | 25   |                                      |  |                          |                              |       |
| POLLUTION   | CONTROL EQUIPMENT  |                                      |  |                          |                              |       |
| PARAMETER   | PRIMAR   | Y                                    | s  | ECONDARY                 |                              |       |
| TYPE  | N/A  |                                      | ☐ · [  |                          |                              |       |
| TYPE CODE (FROM APP. A)   |  |                                      |  |                          |                              |       |
| MANUFACTURER  |  |                                      |  |                          |                              |       |
| MODEL NUMBER  |  |                                      |  |                          |                              |       |
| PRESSURE DROP (IN. OF WATER)  |  |                                      | Ē  |                          |                              |       |
| WET SCRUBBER FLOW (GPM)   |  |                                      | Ē  |                          |                              |       |
| BAGHOUSE AIR/CLOTH RATIO (FPM   | 4)   |                                      | Ē  |                          |                              |       |
|   |  | <del></del>                          | <b>C</b>   | <del></del>              |                              |       |
| VENTILATION   | AND BUILDING/AREA DATA   |                                      | STACK DATA   |                          |                              |       |
| ENCLOSED? (Y/N)   | N/A  | GROUND EL                            | EVATION (FT)   |                          | N/A                          |       |
| HOOD TYPE (FROM APP. B)   |  | UTM X COO                            | RDINATE (KM)   | į                        |                              |       |
| MINIMUM FLOW (ACFM)   |  | UTM Y COOF                           | RDINATE (KM)   | [                        |                              |       |
| PERCENT CAPTURE EFFICIENCY  |  | STACK TYPE                           | (SEE NOTE BELOW)   |                          |                              |       |
| BUILDING HEIGHT (FT)  |  | STACK EXIT                           | HEIGHT FROM GROUND LEVEL (FT)  |                          |                              |       |
| BUILDING LENGTH (FT)  |  | STACK EXIT                           | DIAMETER (FT)  |                          |                              |       |
| BUILDING WIDTH (FT)   |  | STACK EXIT                           | GAS FLOWRATE (ACFM)  | Ī                        |                              |       |
|   |  |                                      |  | , L                      |                              |       |
|   |  | STACK EXIT                           | TEMPERATURE (DEG. F)   | Г                        | 7                            |       |
|   |  | STACK EXIT                           | TEMPERATURE (DEG. F)   |                          |                              | ٠     |
|   | NT EMISSIONS   |                                      |  | [                        |                              | ٠     |
|   | IUMBER EMISSIC<br>FACTO  | ON* PERCENT<br>OR CONTROL            | EST <b>IM</b> ATED OR<br>MEASURED  | ALLOWABLE E              | MISSIONS                     | ě     |
|   | IUMBER EMISSIO   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR<br>MEASURED<br>EMISSIONS  | ALLOWABLE E<br>(LBS:/HR) | MISSIONS (TONS/YR) REFERENCE | Œ     |
|   | IUMBER EMISSIC<br>FACTO<br>(SEE NO   | ON* PERCENT R CONTROL DTE EFFICIENCY | EST <b>IM</b> ATED OR<br>MEASURED  |                          |                              | :E    |
| POLLUTANT CAS N   | IUMBER EMISSIC<br>FACTO<br>(SEE NO   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                          |                              | :E    |
| POLLUTANT CAS N   | IUMBER EMISSIC<br>FACTO<br>(SEE NO   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                          |                              | :<br> |
| PM PM-10  | IUMBER EMISSIC<br>FACTO<br>(SEE NO   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                          |                              | :<br> |
| PM PM-10 SO2  | IUMBER EMISSIC<br>FACTO<br>(SEE NO   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                          |                              |       |
| PM PM-10 SO2  | IUMBER EMISSIC<br>FACTO<br>(SEE NO   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                          |                              |       |
| PM PM-10 SO2 CO NOX   | IUMBER EMISSIC<br>FACTO<br>(SEE NO   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                          |                              |       |
| POLLUTANT CAS N PM PM-10 SO2 CO NOX VOC LEAD  | IUMBER EMISSIK FACTO (SEE NO BELOV   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                          |                              |       |
| POLLUTANT CAS N PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP 540  | JUMBER EMISSIK FACTO (SEE NO BELOV   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  |                          |                              |       |
| POLLUTANT CAS N  PM  PM-10  SO2  CO  NOX  VOC  LEAD  2.2,4 TMP  540  BENZENE  71  | IUMBER EMISSIK FACTO (SEE NO BELOV   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03   |                          |                              |       |
| POLLUTANT CAS N  PM  PM-10  SO2  CO  NOX  VOC  LEAD  2.2,4 TMP  540  BENZENE  71  BIPHENYL  92  | D-84-1   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  |                          |                              |       |
| POLLUTANT CAS N  PM  PM-10  SO2  CO  NOX  VOC  LEAD  2.2,4 TMP  540  BENZENE  71  BIPHENYL  92  CRESOLS  1319   | D-84-1   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  8.4E-06   |                          |                              |       |
| POLLUTANT CAS N  PM  PM-10  SO2  CO  NOX  VOC  LEAD  2.2,4 TMP  540  BENZENE  71  BIPHENYL  92  CRESOLS  1319  CUMENE  98                                 | DUMBER EMISSIK FACTTO (SEE NO BELOV  | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  1.2E-05  8.4E-06  |                          |                              |       |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP 540 BENZENE 71 BIPHENYL 92 CRESOLS 1319 CUMENE 98 ETHYLBENZENE 100   | D-84-1   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  1.2E-05  8.4E-06  1.8E-05                                     |                          |                              |       |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP 540 BENZENE 71 BIPHENYL 92 CRESOLS 1319 CUMENE 98 ETHYLBENZENE 100 N-HEXANE 110                                    | D-84-1   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  1.2E-05  8.4E-06  1.8E-05  1.6E-04  2.4E-03                   |                          |                              |       |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP 540 BENZENE 71 BIPHENYL 92 CRESOLS 1319 CUMENE 98 ETHYLBENZENE 100 N-HEXANE 110 MTBE 1634                          | D-84-1   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  1.2E-05  8.4E-06  1.8E-05                                     |                          |                              |       |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP 540 BENZENE 71 BIPHENYL 92 CRESOLS 1319 CUMENE 98 ETHYLBENZENE 100 N-HEXANE 110 MTBE 1634 NAPHTHALENE 91           | DIMBER EMISSIK FACTTO (SEE NO. BELOV | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  1.2E-05  8.4E-06  1.8E-05  1.6E-04  2.4E-03                   |                          |                              |       |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL 92 CRESOLS 1319 CUMENE 98 ETHYLBENZENE 100 N-HEXANE 110 MTBE 1634 NAPHTHALENE 91.                 | D-84-1   | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  1.2E-05  8.4E-06  1.8E-05  1.6E-04  2.4E-03                   |                          |                              |       |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE 71 BIPHENYL 92 CRESOLS 1319 CUMENE 98 ETHYLBENZENE 100 N-HEXANE 110 MTBE 1634 NAPHTHALENE 91.              | DIMBER EMISSIK FACTTO (SEE NO. BELOV | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  1.2E-05  8.4E-06  1.8E-05  1.6E-04  2.4E-03  0.0E+00  2.9E-05 |                          |                              |       |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE 71 BIPHENYL 92 CRESOLS 1319 CUMENE 98 ETHYLBENZENE 1100 MTBE 1634 NAPHTHALENE 91- PHENOL 108- STYRENE 100- | DUMBER EMISSIK FACTTO (SEE NO BELOV  | ON* PERCENT R CONTROL DTE EFFICIENCY | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.5E-01  1.2E-03  1.4E-03  1.2E-05  8.4E-06  1.8E-05  1.6E-04  2.4E-03  0.0E+00  2.9E-05 |                          |                              |       |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/LUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| DEQ USE ONLY   |                                      |                                 |  |  | • |
|--|--------------------------------------|---------------------------------|--|--|---|
| DEQ PLANT ID CODE  | DEQ PROCESS CODE                     |                                 | DEQ STACK ID CODE  |  |   |
| DEQ BUILDING ID CODE   | PRIMARY SCC                          |                                 | SECONDARY SCC  |  |   |
| DEQ SEGMENT CODE   |                                      |                                 |  | ·  |   |
| DEG GEGMENT GGS  |                                      |                                 |  |  | • |
| PART A: GENERAL INFORMATION  |                                      |                                 |  |  |   |
| PROCESS CODE OR DESCRIPTION  | Storage of petroleum p               | roducts                         |  |  |   |
| STACK DESCRIPTION  | N/A                                  |                                 |  |  |   |
| BUILDING DESCRIPTION   | Tank 205 (CPL)                       |                                 |  |  |   |
| DATE INSTALLED OR 1956 LAST MODIFIED   |                                      |                                 |  |  |   |
| GENERAL TANK AND MATERIAL HANDLE   | IG DATA                              |                                 |  |  |   |
| MATERIAL DESCRIPTION Gasoline/Diesel*  |                                      | ]                               |  |  |   |
| TANK CAPACITY (GALLONS) 761,544  | ANNUAL THROUGHPUT (                  | GALLONS)                        | 78,972,642   |  |   |
| TANK TYPE 02   |                                      | SOURCE                          | 01   | •  |   |
| PLEASE CHOOSE FROM BELOW (01) FIXED ROOF;  |                                      | PLEASE CHOOSI<br>(01) PIPELINE; | E FROM BELOW   |  |   |
| (02) FLOATING ROOF (OR INTERNAL COVER);<br>(03) VARIABLE VAPOR SPACE;  |                                      | (02) RAIL CAR;<br>(03) TANK TRU |  |  |   |
| (04) PRESSURE TANK;  |                                      | (04) SHIP BARG<br>(05) OTHER    | E;   |  |   |
| (05) UNDERGROUND - SPLASH LOADING (06) OTHER   |                                      | • •                             |  |  |   |
|  | •                                    |                                 |  |  |   |
| ADDITIONAL VAPOR PHASE DEGREASIN   | G DATA                               | <del></del> -                   | TANK SURFACE AR  | EA (SQ. FT)  | ] |
| MANUFACTURER OF DEGREASING AGENT   | _                                    |                                 | METHOO OF VAPOR  | RECOVERY   | ] |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DEG.  | .F)                                  | J                               | Please choose from t<br>(01) Incineration;   |  | _ |
|  |                                      |                                 | (02) Refrigerated Lic  | wid Sembhar  |   |
|  |                                      |                                 |  |  |   |
|  |                                      |                                 | (03) Refrigerated Co<br>(04) Carbon Adsorp   | ondenser;<br>tion;   |   |
|  |                                      |                                 | (03) Refrigerated Co<br>(04) Carbon Adsorp<br>(05) Vapor Return S<br>(06) No Recovery S  | ondenser;<br>tion;<br>system;  | - |
|  |                                      |                                 | (03) Refrigerated Co<br>(04) Carbon Adsorp<br>(05) Vapor Return S  | ondenser;<br>tion;<br>system;  | ] |
| ADDITIONAL MATERIAL HANDLING DATA  |                                      |                                 | (03) Refrigerated Co<br>(04) Carbon Adsorp<br>(05) Vapor Return S<br>(06) No Recovery S  | ondenser;<br>tion;<br>system;  | ] |
| ADDITIONAL MATERIAL HANDLING DATA  | NUMBER OF                            |                                 | (03) Refrigerated Cc (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  | ondenser: tion ystem; ystem; NUMBER OF IN-LINE   | ] |
| ADDITIONAL MATERIAL HANDLING DATA PHYSICAL STATE (SEE NOTE BELOW)  L OF H  | NUMBER OF<br>PUMP SEALS              | ••                              | (03) Refrigerated Cc (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS  | ondenser; tion; tion; tystem; ystem; NUMBER OF IN-LINE VALVES  | ] |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY  | NUMBER OF<br>PUMP SEALS<br>NUMBER OF | p.                              | (03) Refrigerated Ct (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  | ondenser: tion ystem; ystem; NUMBER OF IN-LINE   | ] |
| PHYSICAL STATE (SEE NOTE BELOW)  L or H  | NUMBER OF<br>PUMP SEALS              |                                 | (03) Refrigerated Cc (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS  ** NUMBER OF OPEN-ENDED   | ondenser; tion; tion; tystem; ystem;  NUMBER OF IN-LINE  VALVES  NUMBER OF SAMPLING  | ] |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY  | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Cc (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS NUMBER OF OPEN-ENDED LINES  103 Refrigerated Cc (04) Carbon Adsorption (05) Vapor Return S (06) No Recovery S (07) Other  104 Return S 105 Return S | ndenser: tion; tion; tystem; ystem;  NUMBER OF IN-LINE  VALVES  NUMBER OF SAMPLING  CONNECTIONS  **  | ] |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY  RELIEF VALVES   | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Cc (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS  ** NUMBER OF OPEN-ENDED   | ondenser; tion; tion; tystem; ystem;  NUMBER OF IN-LINE  VALVES  NUMBER OF SAMPLING  | ] |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Ct (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS  ** NUMBER OF OPEN-ENDED LINES  HAP CAS  | ndenser: tition; tystem; tystem; tystem;  NUMBER OF IN-LIME VALVES NUMBER OF SAMPLING CONNECTIONS **  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00   | ] |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP   | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Ct (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER   | NUMBER OF IN-LINE  VALVES  NUMBER OF SAMPLING  CONNECTIONS  **  HAP FRACTION IN  MATERIAL BY WEIGHT  | ] |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Cr (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS ** NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER 540-84-1   | ndenser: tition; tystem; tystem; tystem;  NUMBER OF IN-LIME VALVES NUMBER OF SAMPLING CONNECTIONS **  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00   |   |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  Biphenyl  | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Ct (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS ** NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER  540-84-1  71-43-2  | NUMBER OF IN-LINE VALVES NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  | ] |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2.2,4 TMP  Benzene  Biphenyl  | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Cc (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS ** NUMBER OF OPEN-ENDED LINES ** HAP CAS NUMBER 540-84-1 71-43-2 92-52-4   | NUMBER OF IN-LINE VALVES  NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  7.10E-04   |   |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  Biphenyl  Cresoks  Cumene   | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Ct (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS ** NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3   | ndenser: tion; ystem; ystem; ystem;  NUMBER OF IN-LIME VALVES  NUMBER OF SAMPLING CONNECTIONS  **  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  7.10E-04  2.40E-04                              |   |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  Biphenyl  Cresoks  Cumene  Ethylbenzene                                   | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Ct (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8   | NUMBER OF IN-LINE VALVES NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  7.10E-04  2.40E-04  9.26E-03  |   |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  Biphenyl  Cresols  Cumene  Ethylbenzene  Hexane                           | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Cr (04) Carbon Adsorp (05) Vapor Return S (06) Na Recovery S (07) Other    NUMBER OF COMPRESSOR SEALS *** NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER   540-84-1   71-43-2   92-52-4   1319-77-3   98-82-8   100-41-4  | NUMBER OF IN-LINE VALVES  NUMBER OF SAMPLING CONNECTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  7.10E-04  2.40E-04  9.26E-03  1.34E-02  |   |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  Biphenyl  Cresoks  Cumene  Ethylbenzene  Hexane  MTBE                     | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Cr (04) Carbon Adsorp (05) Vapor Return Sr (06) No Recovery Sr (07) Other  NUMBER OF COMPRESSOR SEALS ** NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4  110-54-3  | NUMBER OF IN-LINE VALVES  NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  7.10E-04  2.40E-04  9.26E-03  1.34E-02  7.80E-04   |   |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  Biphenyl  Cresoks  Cumene  Ethylbenzene  Hexane  MTBE  Napthalene         | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Ct (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other  NUMBER OF COMPRESSOR SEALS ** NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4  110-54-3  1634-04-4  91-20-3  | NUMBER OF IN-LINE VALVES  NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  7.10E-04  2.40E-04  9.26E-03  1.34E-02  7.80E-04  2.40E-04                               |   |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  Biphenyl  Cresoks  Cumene  Ethylbenzene  Hexane  MTBE                     | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Cr (04) Carbon Adsorp (05) Vapor Return Sr (06) No Recovery Sr (07) Other  NUMBER OF COMPRESSOR SEALS ** NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4  110-54-3  1634-04-4  91-20-3  108-95-2   | NUMBER OF IN-LINE VALVES  NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  7.10E-04  2.40E-04  9.26E-03  1.34E-02  7.80E-04  2.40E-02  1.97E-02                     |   |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  Biphenyl  Cresoks  Cumene  Ethylbenzene  Hexane  MTBE  Napthalene         | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated C (04) Carbon Adsorp (05) Vapor Return S (06) No Recovery S (07) Other SEALS (07) Other SEALS (07) Other SEALS (07) Other SEALS (07) Other (07) Oth | NUMBER OF IN-LINE VALVES  NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  7.10E-04  2.40E-04  9.26E-03  1.34E-02  7.80E-04  2.40E-02  1.97E-02  2.60E-03  4.91E-02 |   |
| PHYSICAL STATE (SEE NOTE BELOW)  NUMBER OF SAFETY RELIEF VALVES  MATERIAL DATA  HAP DESCRIPTION  2,2,4 TMP  Benzene  Biphenyl  Cresoks  Cumene  Ethylbenzene  Hexane  MTBE  Napthalene  Phenol | NUMBER OF<br>PUMP SEALS<br>NUMBER OF |                                 | (03) Refrigerated Cr (04) Carbon Adsorp (05) Vapor Return Sr (06) No Recovery Sr (07) Other  NUMBER OF COMPRESSOR SEALS ** NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4  110-54-3  1634-04-4  91-20-3  108-95-2   | NUMBER OF IN-LINE VALVES  NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  1.29E-02  7.10E-04  2.40E-04  9.26E-03  1.34E-02  7.80E-04  2.40E-02  1.97E-02                     |   |

<sup>\*</sup>This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

| SECTION 5, PAR  |   | (TANK 205 - CPL)    |                          |  |                      |                          |           |
|---|---|---------------------|--------------------------|--|----------------------|--------------------------|-----------|
| DEDOCATE EUR  | OPERATING DATA CONSUMPTION PER QUARTER  |                     | OPERATING SCHEDULE       |  |                      |                          |           |
|   |   |                     |                          | 24   |                      |                          |           |
| DEC-FEB   | 25  |                     | HOURS/DAY                |  |                      |                          |           |
| MAR-MAY   | 25  |                     | DAYS/WEEK                | 7  |                      |                          |           |
| JUN-AUG   | 25  |                     | WEEKS/YEAR               | 52   |                      |                          |           |
| SEP-NOV   | 25  |                     |                          |  |                      |                          |           |
|   | POLLUTION CONTROL EQUIPMENT   | ,<br>T              |                          |  |                      |                          |           |
| PARAMETER   |   | PRIMARY             |                          | SECONDARY  |                      |                          |           |
| TYPE  |   | N/A                 |                          |  |                      |                          |           |
| TYPE CODE (FRO  | OM APP. A)  |                     |                          |  | ]                    |                          |           |
| MANUFACTURER  | <b>t</b>  |                     |                          |  |                      |                          |           |
| MODEL NUMBER  |   |                     |                          |  |                      |                          |           |
| PRESSURE DROP   | P (IN. OF WATER)  |                     |                          |  | 7                    |                          |           |
| WET SCRUBBER  |   |                     |                          |  | 7                    |                          |           |
|   | CLOTH RATIO (FPM)   |                     |                          |  | ī                    |                          |           |
| DAGFICOUL MINUS   | 20 miletine (miletine)  | L                   |                          | L  | _                    |                          |           |
|   | VENTILATION AND BUILDING/AREA   | DATA                | STACK DAT                | <u>.</u>   |                      |                          |           |
| ENCLOSED? (Y/N  | )   | N/A                 | GROUND ELEVATION (FT)    |  |                      | N/A                      |           |
| HOOD TYPE (FRO  | OM APP. B)  |                     | UTM X COORDINATE (KM)    |  |                      |                          |           |
| MINIMUM FLOW (  | ACFM)   |                     | UTM Y COORDINATE (KM)    |  |                      |                          |           |
| PERCENT CAPTU   | RE EFFICIENCY   |                     | STACK TYPE (SEE NOTE BE  | ELOW)  |                      |                          |           |
| BUILDING HEIGHT   | F (FT)  |                     | STACK EXIT HEIGHT FROM   | GROUND LEVEL (FT)  |                      |                          |           |
| BUILDING LENGT  |   |                     | STACK EXIT DIAMETER (FT) |  |                      |                          |           |
| BUILDING WIDTH  |   |                     | STACK EXIT GAS FLOWRAT   |  |                      |                          |           |
|   | V '/  |                     | STROME BUT GREET ESTROM  | - (/10/ ///  |                      |                          |           |
|   |   |                     | STACK FYIT TEMPERATURE   | F (DEG F)  |                      |                          |           |
|   |   |                     | STACK EXIT TEMPERATURE   | E (DEG. F)   |                      |                          |           |
|   | AIR POLLUTANT EMISSIONS   |                     | STACK EXIT TEMPERATURE   | E (DEG. F)   |                      |                          |           |
| POLLUTANT   | <u>AIR POLLUTANT EMISSIONS</u><br>CAS NUMBER  | EMISSION* FACTOR    | PERCENT                  | ESTIMATED OR   | ALLOWABL             | E EMISSIONS              |           |
|   |   | FACTOR<br>(SEE NOTE |                          | ESTIMATED OR<br>MEASURED<br>EMISSIONS  | ALLOWABL<br>(LBS/HR) | E EMISSIONS<br>(TONS/YR) | REFERENCE |
| POLLUTANT   |   | FACTOR              | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED   |                      |                          | REFERENCE |
| POLLUTANT   |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| POLLUTANT PM PM-10  |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| PM<br>PM-10<br>SO2  |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| POLLUTANT PM PM-10  |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| PM<br>PM-10<br>SO2  |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                      |                          | REFERENCE |
| PM PM-10 SO2 CO   |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                      |                          | REFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO  NOX  |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                      |                          | REFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO  NOX  VOC   |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                      |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD  | CAS NUMBER  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP   | CAS NUMBER  540-84-1  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  |                      |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE  | CAS NUMBER  540-84-1  71-43-2   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03   |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | CAS NUMBER  540-84-1  71-43-2  92-52-4  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03   |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | EST MATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.2E-05  8.3E-06   |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4                      | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.3E-06  3.3E-06                                     |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                         | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3          | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.3E-06  3.3E-06  2.5E-04                            |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                    | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4                  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.3E-06  3.3E-06  2.5E-04  2.5E-03                    |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3          | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | EST MATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.3E-06  3.3E-05  2.5E-04  2.5E-03  0.0E+00  5.5E-05 |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2 | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.3E-06  3.3E-06  2.5E-04  2.5E-03  0.0E+00  5.5E-05 |                      |                          | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3          | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | EST MATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.3E-06  3.3E-05  2.5E-04  2.5E-03  0.0E+00  5.5E-05 |                      |                          | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LIBSUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

XYLENES

1330-20-7

1.3E-03

| DEQ USE ONLY  |                         |                                 |                 |  |                    |
|---|-------------------------|---------------------------------|-----------------|--|--------------------|
| DEQ PLANT ID CODE   | DEQ PROCESS CODE        |                                 |                 | DEQ STACK ID CODE  |                    |
| DEQ BUILDING ID CODE  | PRIMARY SCC             |                                 |                 | SECONDARY SCC  |                    |
| DEQ SEGMENT CODE  |                         |                                 |                 |  |                    |
|   |                         |                                 |                 |  |                    |
| PART A: GENERAL INFORMATION   |                         |                                 |                 |  |                    |
| PROCESS CODE OR DESCRIPTION   | Storage of petroleum p  | roducts                         |                 |  |                    |
| STACK DESCRIPTION   | N/A                     |                                 |                 |  |                    |
| BUILDING DESCRIPTION  | Tank 206 (CPL)          |                                 |                 |  |                    |
| DATE INSTALLED OR 2002*** LAST MODIFIED   |                         |                                 |                 | •  |                    |
| GENERAL TANK AND MATERIAL HANDLIN   | G DATA                  | •                               |                 |  |                    |
| MATERIAL DESCRIPTION Gasoline/Diesel*   |                         |                                 |                 |  |                    |
| TANK CAPACITY (GALLONS) 772,044   | ANNUAL THROUGHPUT (G    | ALLONS)                         | 78,493,590      |  |                    |
| TANK TYPE 02 PLEASE CHOOSE FROM BELOW (01) FIXED ROOF;  |                         | (01) PIPELINE;                  |                 |  |                    |
| (02) FLOATING ROOF (OR INTERNAL COVER);<br>(03) VARIABLE VAPOR SPACE;   |                         | (02) RAIL CAR;<br>(03) TANK TRU | JCK;            | •  |                    |
| (04) PRESSURE TANK;<br>(05) UNDERGROUND - SPLASH LOADING  |                         | (04) SHIP BAR<br>(05) OTHER     | GE;             |  |                    |
| (06) OTHER  |                         |                                 |                 |  |                    |
| ADDITIONAL VAPOR PHASE DEGREASING   | DATA                    |                                 |                 | ė  |                    |
| MANUFACTURER OF DEGREASING AGENT  |                         |                                 |                 | TANK SURFACE AREA (SQ                                      | .FT)               |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. I   | =)                      |                                 |                 | METHOD OF VAPOR RECO                                       | VERY               |
| TEMPERATURE OF BESTLEMEN STATE OF THE STATE | •                       |                                 |                 | Please choose from below (01) Incineration;                |                    |
|   |                         |                                 | 1               | (02) Refrigerated Liquid Scr<br>(03) Refrigerated Condense |                    |
|   |                         |                                 |                 | (04) Carbon Adsorption;<br>(05) Vapor Return System;       |                    |
|   |                         |                                 | \$              | (06) No Recovery System;<br>(07) Other                     |                    |
|   |                         |                                 |                 | (07) Oliter  |                    |
| ADDITIONAL MATERIAL HANDLING DATA   |                         |                                 |                 |  | •                  |
| PHYSICAL STATE  | NUMBER OF               | I++                             | NUMBER OF COMPE | RESSOR   | NUMBER OF IN-LINE  |
| (SEE NOTE BELOW) L OF H NUMBER OF SAFETY  | PUMP SEALS<br>NUMBER OF | <u> </u>                        | SEALS [         |  | NUMBER OF SAMPLING |
| RELIEF VALVES #   | FLANGES                 | **                              | r               | **   | CONNECTIONS **     |
| MATERIAL DATA   |                         |                                 |                 |  |                    |
| HAP DESCRIPTION   |                         |                                 | HAP CAS         |  | HAP FRACTION IN    |
|   |                         |                                 | NUMBER          | '  | MATERIAL BY WEIGHT |
| 2,2,4 TMP   |                         |                                 | 540-84-1        |  | 0.00E+00           |
| Benzene   |                         |                                 | 71-43-2         |  | 1.29E-02           |
| Biphenyl  |                         |                                 | 92-52-4         |  | 7.10E-04           |
| Cresols   |                         |                                 | 1319-77-3       |  | 2.40E-04           |
| Сителе  |                         |                                 | 98-82-8         | •  | 9.26E-03           |
| Ethylbenzene  |                         |                                 | 100-41-4        |  | 1.34E-02           |
| Hexane  |                         |                                 | 110-54-3        |  | 7.80E-04           |
| МТВЕ  |                         |                                 | 1634-04-4       | İ  | 2.40E-02           |
| Napthalene  |                         |                                 | 91-20-3         |  | 1.97E-02           |
| Phenol  |                         |                                 | 108-95-2        | İ  | 2.60E-03           |
| Styrene   |                         |                                 | 100-42-5        | I  | 4.91E-02           |
| Toluene   |                         |                                 | 108-88-3        |  | 0,00E+00           |
| Xylenes   |                         |                                 | 1330-20-7       | Ì  | 0.00E+00           |
| Ayonos  |                         |                                 |                 | '  |                    |

<sup>\*</sup>This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugilive emissions.

| SECTION 5, PART B  |  | (TANK 206 - CPL)           |                          |   |                       |                        |           |
|--|--|----------------------------|--------------------------|---|-----------------------|------------------------|-----------|
|  | OPERATING DATA   |                            |                          |   |                       |                        |           |
|  | NSUMPTION PER QUARTER  |                            | OPERATING SCHEDULE       |   |                       |                        |           |
| DEC-FEB  | 25   |                            | HOURS/DAY                | 24  |                       |                        |           |
| MAR-MAY  | 25   |                            | DAYS/WEEK                | 7   |                       |                        |           |
| JUN-AUG  | 25   |                            | WEEKSYEAR                | 52  |                       |                        |           |
| SEP-NOV  | 25   |                            |                          |   |                       |                        |           |
|  | POLLUTION CONTROL EQUIPMEN   | IT .                       |                          |   |                       |                        |           |
| PARAMETER  |  | PRIMARY                    |                          | SECONDA   | VRY                   |                        |           |
| TYPE   |  | N/A                        |                          |   |                       |                        | ]         |
| TYPE CODE (FROM A  | APP. A)  |                            |                          |   |                       |                        |           |
| MANUFACTURER   |  |                            |                          |   |                       |                        | ]         |
| MODEL NUMBER   |  |                            |                          |   |                       |                        | Ī         |
| PRESSURE DROP (IN  | I. OF WATER)   |                            |                          |   |                       |                        | •         |
| WET SCRUBBER FLO   | OW (GPM)   |                            |                          |   |                       |                        |           |
| BAGHOUSE AIR/CLO   | TH RATIO (FPM)   |                            |                          |   |                       |                        |           |
|  |  |                            |                          | •   |                       |                        |           |
|  | VENTILATION AND BUILDING/AREA  |                            | STACK DAT                | <b>IA</b>   |                       |                        |           |
| ENCLOSED? (Y/N)  |  | N/A                        | GROUND ELEVATION (FT)    |   |                       | N/A                    |           |
| HOOD TYPE (FROM A  | PP. B)   |                            | UTM X COORDINATE (KM)    |   | -                     |                        |           |
| MINIMUM FLOW (ACF  | M)   |                            | UTM Y COORDINATE (KM)    |   |                       |                        |           |
| PERCENT CAPTURE I  | EFFICIENCY   |                            | STACK TYPE (SEE NOTE BE  | ELOW)   |                       |                        |           |
| BUILDING HEIGHT (FT  | n  |                            | STACK EXIT HEIGHT FROM   | GROUND LEVEL (FT)   |                       |                        |           |
| BUILDING LENGTH (F   | T)   |                            | STACK EXIT DIAMETER (FT) | )   |                       |                        |           |
| BUILDING WIDTH (FT)  | )  |                            | STACK EXIT GAS FLOWRAT   | E (ACFM)  |                       |                        |           |
|  |  |                            |                          |   |                       |                        |           |
|  |  |                            | STACK EXIT TEMPERATURE   | E (DEG. F)  |                       |                        |           |
| ·  | AID BOIL LISTANT CARCCIONIC  |                            | STACK EXIT TEMPERATURE   | E (DEG. F)  |                       |                        |           |
| POLLUTANT  | AIR POLLUTANT EMISSIONS CAS NUMBER   | EMISSION"                  |                          |   | ALL OWARD E           | EANISCIONIS            |           |
|  |  | EMISSION* FACTOR (SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED  | ALLOWABLE             |                        |           |
|  |  |                            | PERCENT                  | ESTIMATED OR  | ALLOWABLE<br>(LBS/HR) | EMISSIONS<br>(TONS/YR) | REFERENCE |
|  |  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| POLLUTANT  |  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| POLLUTANT  |  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| POLLUTANT PM PM-10   |  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| PM PM-10 SO2   |  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| PM PM-10 SO2   |  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOx  |  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  |                       |                        | REFERÊNCE |
| PM PM-10 SO2 CO NOx  |  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD   | CAS NUMBER   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2,2,4 TMP   | CAS NUMBER   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE   | CAS NUMBER  540-84-1  71-43-2  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | CAS NUMBER  540-84-1  71-43-2  92-52-4   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBSHR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3  | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.4E-06  3.3E-05  |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE   | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4                               | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.4E-06  3.3E-05  |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3                   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBSHR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.4E-06  3.3E-05  2.5E-04  2.5E-03                             |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                            | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4                           | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.4E-06  3.3E-05  2.5E-04  2.5E-03  0.0E+00                   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE                | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3                   | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBSHR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.4E-06  3.3E-05  2.5E-04  2.5E-03  0.0E+00  5.4E-05           |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL         | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2          | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.4E-06  3.3E-05  2.5E-04  2.5E-03  0.0E+00  5.4E-05          |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL STYRENE | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2 100-42-5 | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.4E-06  3.3E-05  2.5E-04  2.5E-03  0.0E+00  5.4E-06  1.9E-05 |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL         | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2          | FACTOR<br>(SEE NOTE        | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.6E-01  1.4E-03  1.6E-03  1.2E-05  8.4E-06  3.3E-05  2.5E-04  2.5E-03  0.0E+00  5.4E-05          |                       |                        | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBSUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

#### SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS DEQ USE ONLY DEQ STACK ID CODE DEQ PROCESS CODE DEQ PLANT ID CODE SECONDARY SCC PRIMARY SCC DEQ BUILDING ID CODE DEQ SEGMENT CODE GENERAL INFORMATION PART A: Storage of petroleum products PROCESS CODE OR DESCRIPTION N/A STACK DESCRIPTION Tank 207 (CPL) BUILDING DESCRIPTION 1956 DATE INSTALLED OR LAST MODIFIED GENERAL TANK AND MATERIAL HANDLING DATA Gasoline/Diesel\* MATERIAL DESCRIPTION 78,418,830 771,288 ANNUAL THROUGHPUT (GALLONS) TANK CAPACITY (GALLONS) 01 SOURCE 02 TANK TYPE PLEASE CHOOSE FROM BELOW PLEASE CHOOSE FROM BELOW (01) PIPELINE; (02) RAIL CAR; (01) FIXED ROOF; (02) FLOATING ROOF (OR INTERNAL COVER); (03) TANK TRUCK; (04) SHIP BARGE; (03) VARIABLE VAPOR SPACE; (04) PRESSURE TANK; (05) OTHER (05) UNDERGROUND - SPLASH LOADING (06) OTHER ADDITIONAL VAPOR PHASE DEGREASING DATA TANK SURFACE AREA (SQ. FT) MANUFACTURER OF DEGREASING AGENT METHOD OF VAPOR RECOVERY TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F) Please choose from below (01) Incineration; (02) Refrigerated Liquid Scrubber; (03) Refrigerated Condenser; (04) Carbon Adsorption; (05) Vapor Return System (06) No Recovery System (07) Other ADDITIONAL MATERIAL HANDLING DATA NUMBER OF COMPRESSOR NUMBER OF IN-LINE PHYSICAL STATE NUMBER OF VALVES SEALS PUMP SEALS L or H (SEE NOTE BELOW) NUMBER OF SAMPLING NUMBER OF OPEN-ENDED NUMBER OF NUMBER OF SAFETY CONNECTIONS LINES FLANGES RELIFE VALVES MATERIAL DATA HAP FRACTION IN MATERIAL BY WEIGHT HAP CAS HAP DESCRIPTION 0.00E+00 540-84-1 2,2,4 TMP 71-43-2 1.29E-02 Benzene 7.10E-04 92-52-4 Biphenyl 2.40E-04 1319-77-3 Cresols 9.26E-03 98-82-8 Cumene 1.34E-02 100-41-4 Ethylbenzene 7.80E-04 110-54-3 Hexane 2.40E-02 1634-04-4 MTBE 1.97E-02 91-20-3 Napthalene 2.60E-03 108-95-2 Phenol

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

100-42-5

108-88-3

1330-20-7

2-42

4.91E-02

0.00E+00

0.00E+00

Styrene

Toluene

Xylenes

<sup>&</sup>quot;This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

| SECTION 5, PART    |                             | (TANK 207 - CPL)    |                       |                       |           |             |             |
|--------------------|-----------------------------|---------------------|-----------------------|-----------------------|-----------|-------------|-------------|
| DEDCEMT FUEL CO    | OPERATING DATA              |                     |                       |                       |           |             |             |
|                    | ONSUMPTION PER QUARTER      |                     | OPERATING SCHEDU      | <del></del>           |           |             |             |
| DEC-FEB            | 25                          |                     | HOURS/DAY             | 24                    |           |             |             |
| MAR-MAY            | 25                          |                     | DAYS/WEEK             | 7                     |           |             |             |
| JUN-AUG            | 25                          |                     | WEEKS/YEAR            | 52                    |           |             |             |
| SEP-NOV            | 25                          |                     |                       |                       |           |             |             |
|                    | POLLUTION CONTROL EQUIPME   | ENT                 |                       | •                     |           |             |             |
| PARAMETER          |                             | PRIMARY             |                       | SECON                 | DARY      |             |             |
| TYPE               |                             | N/A                 |                       |                       |           |             | ]           |
| TYPE CODE (FROM    | APP. A)                     |                     |                       |                       |           |             |             |
| MANUFACTURER       |                             |                     |                       |                       |           |             | ·           |
| MODEL NUMBER       |                             |                     |                       |                       |           |             |             |
| PRESSURE DROP (    | N. OF WATER)                |                     |                       |                       |           |             |             |
| WET SCRUBBER FL    | OW (GPM)                    |                     |                       |                       |           |             |             |
| BAGHOUSE AR/CL     | OTH RATIO (FPM)             |                     |                       |                       |           |             |             |
|                    |                             |                     |                       |                       |           |             |             |
|                    | VENTILATION AND BUILDING/AR |                     | STACK                 | DATA                  |           | F====       |             |
| ENCLOSED? (Y/N)    |                             | N/A                 | GROUND ELEVATION (    | (FT)                  |           | N/A         |             |
| HOOD TYPE (FROM    | •                           |                     | UTM X COORDINATE (I   | KM)                   |           |             |             |
| MINIMUM FLOW (AC   | •                           |                     | UTM Y COORDINATE (F   | KM)                   |           |             |             |
| PERCENT CAPTURE    |                             | <u></u>             | STACK TYPE (SEE NOT   | TE BELOW)             |           |             |             |
| BUILDING HEIGHT (Ì |                             |                     | STACK EXIT HEIGHT FE  | ROM GROUND LEVEL (FT) |           |             |             |
| BUILDING LENGTH (  |                             |                     | STACK EXIT DIAMETER   | (FT)                  |           |             |             |
| BUILDING WIDTH (F  | ח                           | <u></u>             | STACK EXIT GAS FLOW   | VRATE (ACFM)          |           |             |             |
|                    |                             |                     | STACK EXIT TEMPERAT   | TURE (DEG. F)         |           |             |             |
|                    | AIR POLLUTANT EMISSIONS     |                     |                       |                       |           |             |             |
| POLLUTANT          | CAS NUMBER                  | EMISSION*           | PERCENT               | ESTIMATED OR          | ALLOWABLE | EMISSIONS   |             |
|                    |                             | FACTOR<br>(SEE NOTE | CONTROL<br>EFFICIENCY | MEASURED<br>EMISSIONS | (LBS/HR)  | (TONS/YR)   | REFERENCE   |
|                    |                             | BELOW)              | <del></del>           | (LBS/HR)              |           |             | THE ENLIVOR |
| PM                 | ,                           |                     |                       |                       |           |             |             |
| PM-10              |                             |                     |                       |                       |           |             |             |
| SO2                |                             |                     |                       |                       |           |             |             |
| со                 |                             |                     |                       |                       |           |             |             |
| NOx                |                             |                     |                       |                       |           |             |             |
| VOC                |                             |                     |                       | 3.2E+00               |           |             |             |
| LEAD               |                             |                     |                       |                       |           |             |             |
| 2,2,4 TMP          | 540-84-1                    |                     |                       | 1.0E-02               |           |             |             |
| BENZENE            | 71-43-2                     |                     |                       | 1.3E-02               |           |             |             |
| BIPHENYL           | 92-52-4                     |                     |                       | 1.2E-05               |           |             |             |
| CRESOLS            | 1319-77-3                   |                     |                       | 9.2E-06               |           |             |             |
| CUMENE             | 98-82-8                     |                     |                       | 8.7E-05               |           |             |             |
| ETHYLBENZENE       | 100-41-4                    |                     |                       | 9.7E-04               |           |             |             |
| N-HEXANE           | 110-54-3                    |                     |                       | 2.2E-02               |           |             |             |
| MTBE               | 1634-04-4                   |                     |                       | 0.0E+00               |           |             |             |
| NAPHTHALENE        | 91-20-3                     |                     |                       | 5.9E-05               | T i       |             |             |
| PHENOL             | 108-95-2                    |                     |                       | 5.3E-05               |           |             |             |
|                    | 100-30-2                    |                     |                       |                       |           |             |             |
| STYRENE            | 100-42-5                    |                     |                       | 5.9E-05               |           | <del></del> |             |
| STYRENE<br>TOLUENE |                             |                     |                       |                       |           |             |             |
|                    | 100-42-5                    |                     |                       | 5.9E-05               |           |             |             |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/JUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

## SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS DEQ USE ONLY DECISTACK ID CODE DEQ PROCESS CODE DEQ PLANT ID CODE SECONDARY SCC PRIMARY SCC DEQ BUILDING ID CODE DEQ SEGMENT CODE GENERAL INFORMATION PART A: Storage of petroleum products PROCESS CODE OR DESCRIPTION N/A STACK DESCRIPTION Tank 400 (CPL) BUILDING DESCRIPTION prior to 1972 DATE INSTALLED OR LAST MODIFIED GENERAL TANK AND MATERIAL HANDLING DATA MATERIAL DESCRIPTION Transmix/Water 350,000 ANNUAL THROUGHPUT (GALLONS) 42,000 TANK CAPACITY (GALLONS) 01 SOURCE TANK TYPE PLEASE CHOOSE FROM BELOW PLEASE CHOOSE FROM BELOW (01) PIPELINE; (02) RAIL CAR; (01) FIXED ROOF; (02) FLOATING ROOF (OR INTERNAL COVER); (03) TANK TRUCK; (04) SHIP BARGE; (03) VARIABLE VAPOR SPACE; (04) PRESSURE TANK; (05) OTHER (05) UNDERGROUND - SPLASH LOADING (06) OTHER ADDITIONAL VAPOR PHASE DEGREASING DATA TANK SURFACE AREA (SQ. FT) MANUFACTURER OF DEGREASING AGENT METHOD OF VAPOR RECOVERY TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F) Please choose from below (01) Incineration: (02) Refrigerated Liquid Scrubber, (03) Refrigerated Condenser, (04) Carbon Adsorption; (05) Vapor Return System; (06) No Recovery System; (07) Other ADDITIONAL MATERIAL HANDLING DATA NUMBER OF IN-LINE NUMBER OF NUMBER OF COMPRESSOR PHYSICAL STATE SEALS L&Hmix PUMP SEALS (SEE NOTE BELOW) NUMBER OF SAMPLING NUMBER OF OPEN-ENDED NUMBER OF NUMBER OF SAFETY

| RELIEF VALVES   | **   | FLANGES | ** | LINES             | **          | CONNECTIONS **                        |
|-----------------|------|---------|----|-------------------|-------------|---------------------------------------|
|                 |      |         |    |                   |             |                                       |
| MATERIAL D      | DATA |         |    |                   |             |                                       |
| HAP DESCRIPTION |      |         |    | HAP CAS<br>NUMBER |             | HAP FRACTION IN<br>MATERIAL BY WEIGHT |
| _               |      |         |    |                   |             |                                       |
| 2,2,4 TMP       |      |         |    | 540-84            | <u>-1</u> ] | 0.00E+00                              |
| Benzene         |      |         |    | 71-43             | 1-2         | 1.29E-02                              |
| Biphenyl        |      |         |    | 92-52             | !-4         | 0.00E+00                              |
| Cresols         |      |         |    | 1319-77           | '-3         | 1.50E-03                              |
| Cumene          |      |         |    | 98-82             | 2-8         | 9.26E-03                              |
| Ethylbenzene    |      |         |    | 100-41            | -4          | 1.34E-02                              |
| Hexane          |      |         |    | 110-54            | -3          | 7.80E-04                              |
| мтве            |      |         |    | 1634-04           | -4          | 0.00E+00                              |
| Napthalene      |      |         |    | 91-20             | <b>-3</b>   | 1.97E-02                              |
| Phenol          |      |         |    | 108-95            | -2          | 5.25E-02                              |
| Styrene         |      |         |    | 100-42            | -5          | 4.91E-02                              |
| Toluene         |      |         |    | 108-88            | -3          | 0.00E+00                              |
| Xylenes         |      |         |    | 1330-20           | -7          | 0.00E+00                              |

| SECTION 5, PART   |                                       | (Tank 400 - CPL)    | 1                     |                        |           |             |           |
|-------------------|---------------------------------------|---------------------|-----------------------|------------------------|-----------|-------------|-----------|
| PERCENT FUEL C    | OPERATING DATA ONSUMPTION PER QUARTER |                     | OPERATING SCHED       | UI F                   |           |             |           |
| DEC-FEB           | 25                                    |                     | HOURS/DAY             | 24                     |           |             | •         |
| MAR-MAY           | 25                                    |                     | DAYS/WEEK             | 7                      |           |             |           |
| JUN-AUG           | 25                                    |                     | WEEKSYEAR             | ,                      |           |             |           |
| SEP-NOV           | 25                                    |                     | WEEKSTEAR             | 52                     |           |             |           |
| SE MOV            |                                       |                     |                       |                        |           |             |           |
|                   | POLLUTION CONTROL EQUIP               | MENT                |                       |                        |           |             |           |
| PARAMETER         |                                       | PRIMARY             |                       | SECO                   | NDARY     |             | 7         |
| TYPE              |                                       | N/A                 |                       | <u></u>                |           |             |           |
| TYPE CODE (FROM   | AAPP.A)                               |                     |                       |                        |           |             | _         |
| MANUFACTURER      |                                       |                     |                       |                        |           |             | ]         |
| MODEL NUMBER      |                                       |                     |                       | <u></u>                |           |             | ]         |
| PRESSURE DROP     | (IN. OF WATER)                        |                     |                       |                        |           |             |           |
| WET SCRUBBER F    | LOW (GPM)                             |                     |                       |                        |           |             |           |
| BAGHOUSE AIR/CL   | OTH RATIO (FPM)                       |                     |                       |                        |           | * •         |           |
|                   | VENTILATION AND BUILDING              | ADEA DATA           |                       |                        |           |             |           |
| ENCLOSED? (Y/N)   | VENTILA) KAN AND BULDING              | N/A                 |                       | K DATA                 |           |             | 1         |
| , .               | 1 100 m                               | IN/A                | GROUND ELEVATION      |                        |           | N/A         | ]<br>}    |
| HOOD TYPE (FROM   | ·                                     | <u> </u>            | UTM X COORDINATE      |                        |           |             |           |
| MINIMUM FLOW (AC  | •                                     |                     | UTM Y COORDINATE      | •                      |           | <u></u>     |           |
| PERCENT CAPTUR    |                                       |                     | STACK TYPE (SEE NO    |                        |           |             |           |
| BUILDING HEIGHT ( |                                       | <u> </u>            |                       | FROM GROUND LEVEL (FT) |           |             |           |
| BUILDING LENGTH   |                                       |                     | STACK EXIT DIAMETE    | R (FT)                 |           |             | ٠.        |
| BUILDING WIDTH (F | TT)                                   |                     | STACK EXIT GAS FLO    | WRATE (ACFM)           |           |             |           |
|                   |                                       |                     | STACK EXIT TEMPERA    | ATURE (DEG. F)         |           |             |           |
|                   | AIR POLLUTANT EMISSIONS               |                     |                       |                        |           |             |           |
| POLLUTANT         | CAS NUMBER                            | EMISSION*           | PERCENT               | ESTIMATED OR           | ALLOWABL  | E EMISSIONS |           |
|                   |                                       | FACTOR<br>(SEE NOTE | CONTROL<br>EFFICIENCY | MEASURED<br>EMISSIONS  | (LBS/HR)  | (TONS/YR)   | REFERENCE |
|                   |                                       | BELOW)              |                       | (LBS/HR)               |           |             |           |
| PM                |                                       |                     |                       |                        |           |             |           |
| PM-10             |                                       |                     |                       |                        |           |             |           |
| SO2               |                                       | <u> </u>            |                       |                        |           |             |           |
| co                |                                       |                     |                       |                        |           |             |           |
| NOx               |                                       |                     |                       |                        |           |             |           |
| voc               |                                       |                     |                       | 6.4E-01                |           |             |           |
| LEAD              |                                       |                     |                       |                        |           |             |           |
| 2,2,4 TMP         | 540-84-1                              |                     |                       | 1.9E-03                |           |             |           |
| BENZENE           | 71-43-2                               |                     |                       | 2.5E-03                |           |             |           |
| BIPHENYL          | 92-52-4                               |                     |                       | 0.0E+00                |           |             |           |
| CRESOLS           | 1319-77-3                             |                     |                       | 0.0E+00                |           |             |           |
| CUMENE            | 98-82-8                               |                     |                       | 1.2E-05                |           |             |           |
| ETHYLBENZENE      | 100-41-4                              |                     |                       | 1.6E-04                |           |             |           |
| N-HEXANE          | 110-54-3                              |                     |                       | 4.3E-03                |           |             |           |
| MTBÉ              | 1634-04-4                             |                     |                       | 0.0E+00                |           |             |           |
| NAPHTHALENE       | 91-20-3                               |                     |                       | 1.2E-06                |           |             |           |
| PHENOL            | 108-95-2                              |                     |                       | 0.0E+00                |           |             |           |
| STYRENE           | 100-42-5                              |                     |                       | 9.0E-06                |           |             |           |
| TOLUENE           | 108-88-3                              |                     |                       | 2.8E-03                |           |             |           |
|                   |                                       |                     |                       |                        |           |             |           |
| XYLENES           | 1330-20-7                             |                     | , ,                   | 7.1E-04                | , , , , , |             |           |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LIBSUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

#### SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS DEQ USE ONLY DEQ STACK ID CODE DECIPROCESS CODE DEQ PLANT ID CODE SECONDARY SCC PRIMARY SCC DEQ BUILDING ID CODE DEQ SEGMENT CODE PART A: GENERAL INFORMATION Storage of petroleum products PROCESS CODE OR DESCRIPTION N/A STACK DESCRIPTION Tank 401 (CPL) BUILDING DESCRIPTION prior to 1972 DATE INSTALLED OR LAST MODIFIED GENERAL TANK AND MATERIAL HANDLING DATA Transmix/Water MATERIAL DESCRIPTION 700,000 ANNUAL THROUGHPUT (GALLONS) TANK CAPACITY (GALLONS) 84,000 01 SOURCE TANK TYPE PLEASE CHOOSE FROM BELO (01) FIXED ROOF; 01 PLEASE CHOOSE FROM BELOW (01) PIPELINE; (02) RAIL CAR; (02) FLOATING ROOF (OR INTERNAL COVER); (03) TANK TRUCK; (03) VARIABLE VAPOR SPACE; (04) SHIP BARGE (04) PRESSURE TANK; (05) OTHER (05) UNDERGROUND - SPLASH LOADING (06) OTHER ADDITIONAL VAPOR PHASE DEGREASING DATA TANK SURFACE AREA (SQ. FT) MANUFACTURER OF DEGREASING AGENT METHOD OF VAPOR RECOVERY TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F) Please choose from below (01) Incineration: (02) Refrigerated Liquid Scrubber (03) Refrigerated Condenser, (04) Carbon Adsorption; (05) Vapor Return System; (06) No Recovery System; (07) Other ADDITIONAL MATERIAL HANDLING DATA NUMBER OF IN-LINE NUMBER OF COMPRESSOR NUMBER OF PHYSICAL STATE \*\* VALVES PUMP SEALS SEALS L&Hmix (SEE NOTE BELOW) NUMBER OF SAMPLING NUMBER OF OPEN-ENDED NUMBER OF NUMBER OF SAFETY CONNECTIONS LINES FLANGES RELIEF VALVES MATERIAL DATA HAP FRACTION IN HAP CAS HAP DESCRIPTION MATERIAL BY WEIGHT 0.00E+00 540-84-1 2,2,4 TMP 1.29E-02 71-43-2 Benzene 0.00E+00 92-52-4 Biphenyl 1.50E-03 1319-77-3 Cresols 9.26E-03 98-82-8 Cumene 1.34E-02 100-41-4 Ethylbenzene 7.80E-04 110-54-3 Hexane 0.00E+00 1634-04-4 MTBE 1.97E-02 91-20-3 Napthalene 5.25E-02 108-95-2 Phenol 4.91E-02 100-42-5 Styrene

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

Toluene

Xylenes

108-88-3

1330-20-7

0.00E+00

0.00E+00

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

| SECTION 5, PART B   |  | (Tank 401 - CPL)    |                                  |  |                       |                        |           |
|---|--|---------------------|----------------------------------|--|-----------------------|------------------------|-----------|
| penceumenen coa   | OPERATING DATA ISUMPTION PER QUARTER   |                     | OPERATING SCHEDUL                | -  |                       |                        |           |
|   | <del></del>  |                     | HOURS/DAY                        |  |                       |                        |           |
| DEC-FEB<br>MAR-MAY  | 25   |                     |                                  | 7  |                       |                        |           |
|   |  |                     | DAYSWEEK                         |  |                       |                        |           |
| JUN-AUG   | 25   |                     | WEEKS/YEAR                       | 52   |                       |                        |           |
| SEP-NOV   | 25   |                     |                                  |  |                       |                        |           |
|   | POLLUTION CONTROL EQUIPME  | <u>ent</u>          |                                  |  |                       |                        |           |
| PARAMETER   |  | PRIMARY             |                                  | SECONDA  | RY                    |                        |           |
| TYPE  |  | N/A                 | <b></b>                          |  |                       |                        |           |
| TYPE CODE (FROM A   | APP. A)  |                     |                                  |  |                       |                        |           |
| MANUFACTURER  |  |                     |                                  |  |                       |                        |           |
| MODEL NUMBER  |  |                     |                                  |  | ·                     |                        |           |
| PRESSURE DROP (#N   | . OF WATER)  |                     |                                  |  |                       |                        |           |
| WET SCRUBBER FLO  | W (GPM)  |                     |                                  |  |                       |                        |           |
| BAGHOUSE AIR/CLOT   | TH RATIO (FPM)   |                     |                                  |  |                       |                        |           |
|   | VENTILATION AND BUILDING/AR  | GA NATA             | STACK                            | DATA   |                       |                        |           |
| ENCLOSED? (Y/N)   | TETTICATION AND BOILDING AN  | N/A                 | GROUND ELEVATION (I              |  |                       | N/A                    |           |
| HOOD TYPE (FROM A   | DD D\  | 14//                |                                  |  |                       |                        |           |
|   | ·  |                     | UTM X COORDINATE (K              |  |                       |                        |           |
| MINIMUM FLOW (ACF   |  |                     | UTM Y COORDINATE (K              | •  |                       |                        |           |
| PERCENT CAPTURE E   |  |                     | STACK TYPE (SEE NOT              |  |                       |                        |           |
| BUILDING HEIGHT (FT   |  |                     |                                  | ROM GROUND LEVEL (FT)  |                       |                        |           |
| BUILDING LENGTH (F  |  |                     | STACK EXIT DIAMETER              |  |                       |                        |           |
| BUILDING WIDTH (FT)   | •  |                     | STACK EXIT GAS FLOW              |  |                       |                        |           |
|   |  |                     | STACK EXIT TEMPERAT              | TURE (DEG. F)  |                       |                        |           |
|   | AIR POLLUTANT EMISSIONS  |                     |                                  |  |                       |                        |           |
| POLLUTANT   |  |                     |                                  |  |                       |                        |           |
|   | CAS NUMBER   | EMISSION*           | PERCENT                          | ESTIMATED OR   | ALLOWABLE             | EMISSIONS              |           |
|   | CAS NUMBER   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL<br>EFFICIENCY | MEASURED<br>EMISSIONS  | ALLOWABLE<br>(LBS/HR) | EMISSIONS<br>(TONS/YR) | REFERENCE |
|   | CAS NUMBER   | FACTOR              | CONTROL                          | MEASURED   |                       |                        | REFERENCE |
| PM  | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM-10   | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM-10<br>SO2  | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM-10   | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM-10<br>SO2  | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS<br>(LBS/HR)  |                       |                        | REFERENCE |
| PM-10<br>SO2<br>CO  | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM-10<br>SO2<br>CO<br>NOx   | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS<br>(LBS/HR)  |                       |                        | REFERENCE |
| PM-10<br>SO2<br>CO<br>NOx<br>VOC  | CAS NUMBER  540-84-1   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS<br>(LBS/HR)  |                       |                        | REFERENCE |
| PM-10<br>SO2<br>CO<br>NOX<br>VOC<br>LEAD  |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR) (LBS/HR)   |                       |                        | REFERENCE |
| PM-10<br>SO2<br>CO<br>NOX<br>VOC<br>LEAD<br>2.2,4 TMP   | 540-84-1   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR) (L |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE   | 540-84-1<br>71-43-2  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR) (LBS/HR)  1.3E+00  3.8E-03  4.9E-03  |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | 540-84-1<br>71-43-2<br>92-52-4   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  1.3E+00  3.8E-03  4.9E-03  0.0E+00  |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  1.3E+00  3.8E-03  4.9E-03  0.0E+00  |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE   | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR) (L |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  1.3E+00  3.8E-03  4.9E-03  0.0E+00  0.0E+00  2.4E-05  3.2E-04   |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                         | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03  0.0E+00   |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                    | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3                         | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03  0.0E+00  2.4E-06  |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE MAPHTHALENE PHENOL | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2             | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  1.3E+00  1.3E+00  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03  0.0E+00  2.4E-06  0.0E+00  |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE MTBE NAPHTHALENE PHENOL STYRENE  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2<br>100-42-5 | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03  0.0E+00  2.4E-06  0.0E+00  1.8E-05  |                       |                        | REFERENCE |
| PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE MAPHTHALENE PHENOL | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2             | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  1.3E+00  1.3E+00  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03  0.0E+00  2.4E-06  0.0E+00  |                       |                        | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBSAUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

XYLENES

| DEQ USE ONLY  |                            |                        |   |                      |  |                        | <del></del> |
|---|----------------------------|------------------------|---|----------------------|--|------------------------|-------------|
| DEQ PLANT ID CODE   |                            | DEQ PROCESS CODE       |   | DEQ S                | STACK ID CODE                                |                        |             |
| DEQ BUILDING ID CODE  |                            | PRIMARY SCC            |   | SECO                 | NDARY SCC                                    |                        |             |
| DEQ SEGMENT CODE  |                            |                        |   |                      |  |                        |             |
|   |                            |                        |   |                      |  |                        |             |
| PART A: GENERAL INF   | ORMATION                   |                        |   |                      |  |                        | ,           |
| PROCESS CODE OR DESCRIP   | PTION                      | Storage of petroleum p | roducts   |                      |  |                        |             |
| STACK DESCRIPTION   |                            | N/A                    |   |                      |  |                        |             |
| BUILDING DESCRIPTION  |                            | Tank 402 (CPL)         |   |                      |  |                        |             |
| DATE INSTALLED OR<br>LAST MODIFIED  | prior to 1972              |                        |   |                      |  |                        |             |
| GENERAL TAI   | NK AND MATERIAL HANDLIN    | IG DATA                |   |                      |  |                        |             |
| MATERIAL DESCRIPTION  | Transmix/Water             |                        |   |                      |  |                        |             |
| TANK CAPACITY (GALLONS)   | 84,000                     | ANNUAL THROUGHPUT (G   | GALLONS)  | 700,000              |  |                        |             |
| TANK TYPE PLEASE CHOOSE FROM BELG (01) FIXED ROOF; (02) FLOATING ROOF (OR IN (03) VARIABLE VAPOR SPAC | ITERNAL COVER);            |                        | SOURCE<br>PLEASE CHOOS<br>(01) PIPELINE;<br>(02) RAIL CAR;<br>(03) TANK TRU |                      |  |                        |             |
| (04) PRESSURE TANK;   |                            |                        | (04) SHIP BARG<br>(05) OTHER  | SÉ;                  |  |                        | ]           |
| (05) UNDERGROUND - SPLA<br>(06) OTHER   | SH LOADING                 |                        | (co) OTHER  |                      | <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u> |                        | •           |
|   |                            |                        |   |                      |  |                        |             |
|   | VAPOR PHASE DEGREASING     | S DATA                 |   |                      | SURFACE AREA (SQ.                            | ET)                    |             |
| MANUFACTURER OF DEGREA  |                            |                        |   |                      |  |                        |             |
| TEMPERATURE OF DEGREAS  | SING AGENT IN TANK (DEG. I | F)                     | <u> </u>  | Please               | OD OF VAPOR RECO                             | VERY                   |             |
|   |                            |                        |   | (02) F               | Incineration;<br>Refrigerated Liquid Scn     |                        |             |
|   |                            |                        |   | (04) (               | Refrigerated Condenser<br>Carbon Adsorption; | Ģ                      |             |
|   |                            |                        |   |                      | Vapor Return System;<br>No Recovery System;  |                        |             |
|   |                            |                        |   | (07)                 | Other [                                      |                        |             |
| ADDITIONAL !  | MATERIAL HANDLING DATA     |                        |   |                      |  |                        |             |
| PHYSICAL STATE  |                            | NUMBER OF              |   | NUMBER OF COMPRESSO  | OR   | NUMBER OF IN-LIN       |             |
| (SEE NOTE BELOW)  | L & H mix                  | PUMP SEALS             | **  | SEALS **             |  | VALVES NUMBER OF SAMPI | ING         |
| NUMBER OF SAFETY<br>RELIEF VALVES   | **                         | NUMBER OF<br>FLANGES   | ••  | NUMBER OF OPEN-ENDEL | <del></del>                                  | CONNECTIONS            | **          |
| (ALLE) WELLS  |                            |                        |   |                      |  | *                      |             |
| MATERIAL DA   | ATA                        |                        |   | HAP CAS              |  | HAP FRACTION IN        |             |
| HAP DESCRIPTION   |                            | `                      |   | NUMBER               | M  | ATERIAL BY WEIGH       | n           |
| 2,2,4 TMP   |                            |                        |   | 540-84-1             | İ  | 0.00E+00               |             |
| Benzene   |                            |                        |   | 71-43-2              |  | 1.29E-02               |             |
| Biphenyl  |                            |                        |   | 92-52-4              |  | 0.00E+00               |             |
| Cresols   |                            |                        |   | 1319-77-3            |  | 1.50E-03               |             |
| Curnene   |                            |                        |   | 98-82-8              |  | 9.26E-03               |             |
| Ethylbenzene  |                            |                        |   | 100-41-4             | ĺ  | 1.34E-02               |             |
| Hexane  |                            |                        |   | 110-54-3             | Ī  | 7.80E-04               |             |
| MTBE  |                            |                        |   | 1634-04-4            |  | 0.00E+00               |             |
| Napthalene  |                            |                        |   |                      | Ţ  |                        |             |
|   |                            |                        |   | 91-20-31             | I  | 1.97E-02               |             |
|   |                            |                        |   | 91-20-3              | [  |                        |             |
| Phenol  |                            |                        |   | 108-95-2             | [<br>[                                       | 5.25E-02               |             |
| Phenol Styrene  |                            |                        |   | 108-95-2<br>100-42-5 | [<br>[<br>[                                  | 5.25E-02<br>4.91E-02   |             |
| Phenol  |                            |                        |   | 108-95-2             | [  | 5.25E-02               |             |

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

Tier I Permit Application Renewal - Boise Terminal

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| SECTION 5, PART B  |  | (Tank 402 - CPL)    |                                  |   |                       |                        |           |
|--|--|---------------------|----------------------------------|---|-----------------------|------------------------|-----------|
| DEDCEMT FUEL CON   | OPERATING DATA<br>ISUMPTION PER QUARTER  |                     | ODEDATING POLICIA                | 4 <b>F</b>  |                       |                        | ,         |
|  |  |                     | OPERATING SCHEDU                 |   |                       |                        |           |
| DEC-FEB  | 25   |                     | HOURS/DAY                        | 24  |                       |                        |           |
| MAR-MAY  | 25   |                     | DAYS/WEEK                        | 7   |                       |                        |           |
| JUN-AUG  | 25   |                     | WEEKS/YEAR                       | 52  |                       |                        |           |
| SEP-NOV  | 25   |                     |                                  |   |                       |                        |           |
|  | POLLUTION CONTROL EQUIPM   | <u>ENT</u>          |                                  |   |                       |                        |           |
| PARAMETER  |  | PRIMARY             |                                  | SECONE  | DARY                  |                        |           |
| TYPE   |  | N/A                 |                                  | <u> </u>  |                       |                        |           |
| TYPE CODE (FROM A  | NPP. A)  |                     |                                  | <u></u>   |                       |                        |           |
| MANUFACTURER   |  |                     |                                  |   |                       |                        |           |
| MODEL NUMBER   |  |                     |                                  |   |                       |                        |           |
| PRESSURE DROP (IN  | I. OF WATER)   |                     |                                  |   |                       |                        |           |
| WET SCRUBBER FLO   | OW (GPM)   |                     |                                  |   |                       |                        |           |
| BAGHOUSE AIR/CLO   | TH RATIO (FPM)   |                     |                                  |   |                       |                        |           |
|  | VENTILATION AND BUILDING/AF  | PEA DATA            | STACK                            | DATA  |                       |                        |           |
| ENCLOSED? (Y/N)  | TENTENTIAL BOEDING   | N/A                 | GROUND ELEVATION                 |   |                       | DIVA .                 |           |
| HOOD TYPE (FROM A  | מם מס  |                     | UTM X COORDINATE (I              |   |                       | N/A                    |           |
| ·  | •  |                     | •                                | ·   |                       |                        |           |
| MINIMUM FLOW (ACF  |  |                     | UTM Y COORDINATE (I              | •   |                       |                        |           |
| PERCENT CAPTURE  |  | L                   | STACK TYPE (SEE NOT              |   |                       |                        |           |
| BUILDING HEIGHT (FT  |  |                     |                                  | ROM GROUND LEVEL (FT)   |                       |                        |           |
| BUILDING LENGTH (F   |  |                     | STACK EXIT DIAMETER              |   |                       | <u> </u>               |           |
| BUILDING WIDTH (FT)  | 1  |                     | STACK EXIT GAS FLOW              |   |                       |                        |           |
|  |  |                     | STACK EXIT TEMPERA               | TURE (DEG. F)   |                       |                        |           |
|  |  |                     |                                  |   |                       |                        |           |
|  | AIR POLLUTANT EMISSIONS  |                     |                                  |   |                       |                        |           |
| POLLUTANT  | AIR POLLUTANT EMISSIONS<br>CAS NUMBER  | EMISSION*           | PERCENT                          | ESTIMATED OR  | ALLOWABLE             | EMISSIONS              |           |
|  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL<br>EFFICIENCY | MEASURED<br>EMISSIONS   | ALLOWABLE<br>(LBS/HR) | EMISSIONS<br>(TONS/YR) | REFERENCE |
| POLLUTANT  |  | FACTOR              | CONTROL                          | MEASURED  |                       |                        | REFERENCE |
| POLLUTANT  |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| PM<br>PM-10  |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| PM PM-10 SO2   |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| PM PM-10 SO2   |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX  |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS<br>(LBS/HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOx VOC  |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC  | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2.2.4 TMP   | CAS NUMBER 540-84-1  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  1.3E+00  3.8E-03   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE   | CAS NUMBER  540-84-1 71-43-2   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR) (LBS/HR)  1.3E+00  3.8E-03  4.9E-03   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | CAS NUMBER  540-84-1  71-43-2  92-52-4   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  1.3E+00  3.8E-03  4.9E-03  0.0E+00   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBSAHR)  (LBSAHR)  1.3E+00  3.8E-03  4.9E-03  0.0E+00   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE   | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05                                     |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04                            |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                         | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3                                     | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03                   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4                        | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04                            |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                         | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3                                     | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03                   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                    | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4                        | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03  0.0E+00          |                       | (TONSYR)               | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3             | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03  0.0E+00          |                       | (TONSYR)               | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2 | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBSAHR)  1.3E+00  1.3E+00  3.8E-03  4.9E-03  0.0E+00  2.4E-05  3.2E-04  8.4E-03  0.0E+00  2.4E-06 |                       | (TONSYR)               | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

XYLENES

| DEQ USE ONLY  |                        |  |   |                               |
|---|------------------------|--|---|-------------------------------|
| DEQ PLANT ID CODE   | DEQ PROCESS CODE       |  | DEQ STACK ID CO                         | DDE                           |
| DEQ BUILDING ID CODE  | PRIMARY SCC            |  | SECONDARY SCO                           |                               |
| DEQ SEGMENT CODE  |                        |  |   |                               |
|   |                        | ····                                     |   |                               |
| PART A: GENERAL INFORMATION   |                        |  |   | ·                             |
| PROCESS CODE OR DESCRIPTION   | Storage of petroleum p | roducts                                  |   |                               |
| STACK DESCRIPTION   | N/A                    |  |   |                               |
| BUILDING DESCRIPTION  | Tank 403 (CPL)         |  |   |                               |
| DATE INSTALLED OR prior to 1972 LAST MODIFIED                         |                        |  |   |                               |
| GENERAL TANK AND MATERIAL HANDLE                                      | NG DATA                |  |   |                               |
| MATERIAL DESCRIPTION Transmix/Water                                   |                        | ]  |   |                               |
| TANK CAPACITY (GALLONS) 168,000                                       | ANNUAL THROUGHPUT (G   | ALLONS)                                  | 1,400,000                               |                               |
| TANK TYPE 01 PLEASE CHOOSE FROM BELOW (01) FIXED ROOF;                |                        | SOURCE<br>PLEASE CHOOS<br>(01) PIPELINE; | 01<br>E FROM BELOW                      |                               |
| (02) FLOATING ROOF (OR INTERNAL COVER);<br>(03) VARIABLE VAPOR SPACE; |                        | (02) RAIL CAR;<br>(03) TANK TRU          |   |                               |
| (04) PRESSURE TANK;<br>(05) UNDERGROUND - SPLASH LOADING              |                        | (04) SHIP BARG<br>(05) OTHER             | SE;                                     |                               |
| (06) OTHER  |                        | <b>(,</b>                                |   |                               |
| ADDITIONAL VAPOR PHASE DEGREASIN                                      | IC DATA                |  |   |                               |
|   |                        |  | TANK SURFACE                            | AREA (SQ. FT)                 |
| MANUFACTURER OF DEGREASING AGENT                                      |                        |  | METHOD OF VAP                           |                               |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DEG.                         | .F)                    |  | Please choose from                      |                               |
|   |                        |  | (01) Incineration;<br>(02) Refrigerated |                               |
|   |                        |  | (03) Refrigerated<br>(04) Carbon Adso   | rption;                       |
|   |                        |  | (05) Vapor Return<br>(06) No Recovery   |                               |
|   |                        |  | (07) Other                              |                               |
| ADDITIONAL MATERIAL HANDLING DATA                                     | <u> </u>               |  |   |                               |
| PHYSICAL STATE  | NUMBER OF              |  | NUMBER OF COMPRESSOR                    | NUMBER OF IN-LINE             |
| (SEE NOTE BELOW) L & H mix  | PUMP SEALS             | **                                       | SEALS **                                | VALVES *** NUMBER OF SAMPLING |
| NUMBER OF SAFETY RELIEF VALVES **                                     | NUMBER OF<br>FLANGES   | **                                       | NUMBER OF OPEN-ENDED LINES              | CONNECTIONS **                |
|   |                        |  |   |                               |
| MATERIAL DATA  HAP DESCRIPTION  |                        |  | HAP CAS                                 | HAP FRACTION IN               |
| HAP DESCRIPTION   |                        |  | NUMBER                                  | MATERIAL BY WEIGHT            |
| 2,2,4 TMP   |                        |  | 540-84-1                                | 0.00E+00                      |
| Benzene   |                        |  | 71-43-2                                 | 1.29E-02                      |
| Biphenyl  |                        |  | 92-52-4                                 | 0.00E+00                      |
| Cresols   |                        |  | 1319-77-3                               | 1.50E-03                      |
| Сителе  |                        |  | 98-82-8                                 | 9.26E-03                      |
| Ethylbenzene  |                        |  | 100-41-4                                | 1.34E-02                      |
| Hexane  |                        |  | 110-54-3                                | 7.80E-04                      |
| мтве  |                        |  | 1634-04-4                               | 0.00E+00                      |
| Napthalene  |                        |  | 91-20-3                                 | 1.97E-02                      |
| Phenol  |                        |  | 108-95-2                                | 5.25E-02                      |
| Styrene   |                        |  | 100-42-5                                | 4.91E-02                      |
| Toluene   |                        |  | 108-88-3                                | 0.00E+00                      |
| Xylenes   |                        |  | 1330-20-7                               | 0.00E+00                      |
| Viliping  |                        |  |   |                               |

| SECTION 5, PART E  | 3   | (Tank 403 - CPL)    |                          |  |            |                          |           |
|--|---|---------------------|--------------------------|--|------------|--------------------------|-----------|
|  | OPERATING DATA  |                     |                          |  |            |                          |           |
| PERCENT FUEL CO  | DISUMPTION PER QUARTER  |                     | OPERATING SCHEDULE       |  |            |                          |           |
| DEC-FEB  | 25  |                     | HOURS/DAY                | 24   |            |                          |           |
| MAR-MAY  | 25  |                     | DAYS/WEEK                | 7  |            |                          |           |
| JUN-AUG  | 25  |                     | WEEKS/YEAR               | 52   |            |                          |           |
| SEP-NOV  | 25  |                     |                          |  | •          |                          |           |
|  | DOLLUTON CONTROL ECURIMEN   | <b>T</b>            |                          |  |            |                          |           |
| PARAMETER  | POLLUTION CONTROL EQUIPMEN  | PRIMARY             |                          | SECONDARY  |            |                          |           |
| TYPE   |   | N/A                 |                          |  |            |                          |           |
| TYPE CODE (FROM  | APP. A)   |                     |                          |  | ]          |                          |           |
| MANUFACTURER   |   |                     |                          |  |            |                          |           |
| MODEL NUMBER   |   |                     |                          |  |            |                          |           |
| PRESSURE DROP (  | (IN. OF WATER)  |                     |                          |  | }          |                          |           |
| WET SCRUBBER FI  | LOW (GPM)   |                     |                          |  |            |                          |           |
| BAGHOUSE AIR/CL  |   |                     |                          |  | ]          |                          |           |
|  | • • •   |                     |                          | ,  |            |                          |           |
|  | VENTILATION AND BUILDING/ARE/   | A DATA              | STACK DATA               | 3  |            |                          |           |
| ENCLOSED? (Y/N)  |   | N/A                 | GROUND ELEVATION (FT)    |  |            | N/A                      |           |
| HOOD TYPE (FROM  | A APP. B)   |                     | UTM X COORDINATE (KM)    |  |            |                          |           |
| MINIMUM FLOW (AC   | CFM)  |                     | UTM Y COORDINATE (KM)    |  |            |                          |           |
| PERCENT CAPTUR   | E EFFICIENCY  |                     | STACK TYPE (SEE NOTE BE  | LOW)   |            |                          |           |
| BUILDING HEIGHT (  | (FT)  |                     | STACK EXIT HEIGHT FROM   | GROUND LEVEL (FT)  |            |                          |           |
| BUILDING LENGTH  | (FT)  |                     | STACK EXIT DIAMETER (FT) |  |            |                          |           |
| BUILDING WIDTH (F  | FT)   |                     | STACK EXIT GAS FLOWRATI  | E (ACFM)   |            |                          |           |
|  |   |                     | STACK EXIT TEMPERATURE   | (DEG E)  |            |                          |           |
|  |   |                     | STACK EXIT TEMPERATURE   | (020.1)  |            |                          |           |
|  |   |                     | STACK EXIT TEMPERATURE   | .(020.1)   |            |                          |           |
|  | AIR POLLUTANT EMISSIONS   | CANCELOAN           |                          |  | ALI OWARLI | F EMISSIONS              |           |
| POLLUTANT  | AIR POLLUTANT EMISSIONS<br>CAS NUMBER   | EMISSION*<br>FACTOR | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED   |            | E EMISSIONS              | DECEDENCE |
| POLLUTANT  |   |                     | PERCENT                  | ESTIMATED OR   | ALLOWABLE  | E EMISSIONS<br>(TONS/YR) | REFERENCE |
|  |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |            |                          | REFERENCE |
| PM   |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |            |                          | REFERENCE |
| PM<br>PM-10  |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |            |                          | REFERENCE |
| PM<br>PM-10<br>SO2   |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |            |                          | REFERENCE |
| PM<br>PM-10<br>SO2<br>CO   |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOx  |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC  |   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD   | CAS NUMBER  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2.2,4 TMP   | CAS NUMBER 540-84-1   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03   |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2.2,4 TMP BENZENE   | CAS NUMBER  540-84-1  71-43-2   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03   |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | CAS NUMBER  540-84-1  71-43-2  92-52-4  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00   |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00   |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD '2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8                                  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4                      | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04                                     |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD '2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8                                  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02                            |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4                      | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00                   |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TIMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                        | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3                            | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00                   |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                    | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4                  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00                   |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3          | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00                   |            |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2 | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL       | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00  4.7E-06  0.0E+00 |            |                          | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LIBSURIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| DEQ USE ONLY   | ·                         |                         |                                |                           |  |                                      |      |
|--|---------------------------|-------------------------|--------------------------------|---------------------------|--|--------------------------------------|------|
| DEQ PLANT ID CODE  |                           | DEQ PROCESS CODE        |                                |                           | DEQ STACK ID CODE  |                                      |      |
| DEQ BUILDING ID CODE   |                           | PRIMARY SCC             |                                |                           | SECONDARY SCC  |                                      | ]    |
| DEQ SEGMENT CODE   |                           |                         |                                |                           |  |                                      |      |
| PART A: GENERAL IN   | FORMATION                 |                         |                                |                           |  |                                      |      |
| PROCESS CODE OR DESCRI   | PTION                     | Storage of petroleum    | products                       |                           |  |                                      | ]    |
| STACK DESCRIPTION  |                           | N/A                     |                                |                           |  |                                      | ]    |
| BUILDING DESCRIPTION   |                           | Tank 404 (CPL)          |                                |                           |  |                                      | ]    |
| DATE INSTALLED OR<br>LAST MODIFIED   | prior to 1972             |                         |                                |                           |  |                                      |      |
| GENERAL TAI  | NK AND MATERIAL HANDLIN   | IG DATA                 |                                |                           |  |                                      |      |
| MATERIAL DESCRIPTION   | Transmix/Water            |                         |                                |                           |  |                                      |      |
| TANK CAPACITY (GALLONS)  | 168,000                   | ANNUAL THROUGHPUT (     | GALLONS)                       | 1,400,000                 |  |                                      |      |
| TANK TYPE  | 01                        |                         | SOURCE                         | 01                        |  |                                      |      |
| PLEASE CHOOSE FROM BELC<br>(01) FIXED ROOF;                                  |                           |                         | (01) PIPELINE                  |                           |  |                                      |      |
| (02) FLOATING ROOF (OR IN<br>(03) VARIABLE VAPOR SPAC<br>(04) PRESSURE TANK; |                           |                         | (02) RAIL CAR<br>(03) TANK TRI | JCK;                      |  |                                      |      |
| (05) UNDERGROUND - SPLAS   | SHLOADING                 |                         | (04) SHIP BAR<br>(05) OTHER    | GE;                       |  |                                      | 1    |
| (06) OTHER   |                           |                         |                                | <del>-</del>              |  |                                      | -    |
| ADDITIONAL V   | APOR PHASE DEGREASING     | DATA                    |                                |                           |  |                                      |      |
| MANUFACTURER OF DEGREA   | SING AGENT                |                         |                                |                           | TANK SURFACE AREA (SO                                    | Q. FT)                               |      |
| TEMPERATURE OF DEGREAS   | ING AGENT IN TANK (DEG. F | <del>-</del> )          |                                |                           | METHOD OF VAPOR REC                                      | OVERY                                |      |
|  |                           |                         |                                | 1                         | Please choose from below<br>(01) Incineration;           |                                      |      |
|  |                           |                         |                                |                           | (02) Refrigerated Liquid Sc<br>(03) Refrigerated Condens |                                      |      |
|  |                           |                         |                                |                           | (04) Carbon Adsorption;<br>(05) Vapor Return System;     |                                      |      |
|  |                           |                         |                                |                           | (06) No Recovery System;<br>(07) Other                   |                                      |      |
| ADDITIONAL M   | ATERIAL HANDLING DATA     |                         |                                |                           |  |                                      |      |
| PHYSICAL STATE   |                           | NUMBER OF               |                                | NUMBER OF COMPR           |  | NUMBER OF IN-LINE                    |      |
| (SEE NOTE BELOW) NUMBER OF SAFETY  |                           | PUMP SEALS<br>NUMBER OF |                                | SEALS ** NUMBER OF OPEN-E | NDED   | VALVES NUMBER OF SAMPL               | LING |
| RELIEF VALVES  | **                        | FLANGES                 | **                             | LINES                     | <del></del>  |                                      | **   |
| MATERIAL DAT   | A                         |                         |                                |                           |  |                                      |      |
| HAP DESCRIPTION  |                           |                         |                                | HAP CAS<br>NUMBER         | 1  | HAP FRACTION IN<br>MATERIAL BY WEIGH | T    |
| 2,2,4 TMP  |                           |                         |                                | 540-84-1                  |  | 0.00E+00                             |      |
| Benzene  |                           |                         |                                | 71-43-2                   |  | 1.29E-02                             |      |
| Biphenyl   |                           |                         |                                | 92-52-4                   |  | 0.00E+00                             |      |
| Cresols  |                           |                         |                                | 1319-77-3                 |  | 1.50E-03                             |      |
| Cumene   |                           |                         |                                | 98-82-8                   |  | 9.26E-03                             |      |
| Ethylbenzene   |                           |                         |                                | 100-41-4                  |  | 1.34E-02                             |      |
| Hexane   |                           |                         |                                | 110-54-3                  |  | 7.80E-04                             |      |
| MTBE   |                           |                         |                                | 1634-04-4                 | ·  | 0.00E+00                             |      |
| Napthalene   |                           |                         |                                | 91-20-3                   |  | 1.97E-02                             |      |
| Phenol   |                           |                         |                                | 108-95-2                  |  | 5.25E-02                             |      |
| Styrene  |                           |                         | Ì                              | 100-42-5                  |  | 4.91E-02                             |      |
| Toluene  |                           |                         |                                | 108-88-3                  | i  | 0.00E+00                             | •    |
| Xylenes  |                           |                         |                                | 1330-20-7                 | ľ  | 0.00E+00                             |      |
| • • • • • • • • • • • • • • • • • • •  |                           |                         | ,                              | .000 20-7                 | L  | 0.00ET00                             |      |

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

Tier I Permit Application Renewal - Boise Terminal

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| SECTION 5, PART  |  | (Tank 404 - CPL)    |                       |   |                       |                     |           |
|--|--|---------------------|-----------------------|---|-----------------------|---------------------|-----------|
| . DEDCENTELLE C  | OPERATING DATA ONSUMPTION PER QUARTER  |                     |                       | _   |                       |                     |           |
| DEC-FEB  |  |                     | OPERATING SCHEDUL     |   |                       |                     |           |
|  | 25   |                     | HOURS/DAY             | 24  |                       |                     |           |
| MAR-MAY  | 25   |                     | DAYSWEEK              | 7   |                       |                     |           |
| JUN-AUG  | 25   |                     | WEEKS/YEAR            | 52  |                       |                     |           |
| SEP-NOV  | 25   |                     |                       |   |                       |                     |           |
|  | POLLUTION CONTROL EQUIPME  | <u>NT</u>           |                       |   |                       |                     |           |
| PARAMETER  |  | PRIMARY             |                       | SECO  | NDARY                 |                     | _         |
| TYPE   |  | N/A                 |                       |   |                       |                     | ]         |
| TYPE CODE (FROM  | APP. A)  |                     |                       | <u></u>   |                       |                     |           |
| MANUFACTURER   |  |                     |                       |   |                       |                     | ]         |
| MODEL NUMBER   |  |                     |                       |   |                       |                     | ]         |
| PRESSURE DROP  | (IN. OF WATER)   |                     |                       |   |                       |                     |           |
| WET SCRUBBER F   | LOW (GPM)  |                     |                       |   |                       |                     |           |
| BAGHOUSE AIR/CL  | OTH RATIO (FPM)  |                     |                       |   |                       |                     |           |
|  | VENTILATION AND BUILDING/ARI   | FA DATA             | STACK                 | DATA  |                       |                     |           |
| ENCLOSED? (Y/N)  | Tarrest Indiana Park Britain   | N/A                 | STACK I               |   |                       |                     | 1         |
| HOOD TYPE (FROM  | AAPP B)  |                     | GROUND ELEVATION (F   |   |                       | N/A                 |           |
| MINIMUM FLOW (AC   |  |                     | UTM X COORDINATE (KI  |   |                       |                     |           |
| PERCENT CAPTUR   | •  |                     | UTM Y COORDINATE (KI  | •   |                       | L                   |           |
| BUILDING HEIGHT (  |  |                     | STACK TYPE (SEE NOTE  |   | *                     |                     |           |
| BUILDING LENGTH  |  |                     |                       | OM GROUND LEVEL (FT)  |                       |                     |           |
| BUILDING WIDTH (F  |  |                     | STACK EXIT DIAMETER ( |   |                       |                     |           |
| DOILDRIG WID III (F  | 1)   | <u> </u>            | STACK EXIT GAS FLOWF  |   |                       |                     |           |
|  |  |                     |                       |   |                       |                     |           |
|  |  |                     | STACK EXIT TEMPERATI  | JRE (DEG. F)  |                       |                     |           |
|  | AIR POLLUTANT EMISSIONS  |                     | STACK EXIT TEMPERATI  | JRE (DEG. F)  |                       |                     |           |
| POLLUTANT  | AIR POLLUTANT EMISSIONS CAS NUMBER   | EMISSION*<br>FACTOR | PERCENT               | ESTIMATED OR  | ALLOWABLE             | EMISSIONS           |           |
| POLLUTANT  |  | FACTOR<br>(SEE NOTE |                       | ESTIMATED OR<br>MEASURED<br>EMISSIONS   | allowable<br>(LBS/HR) | EMISSIONS (TONS/YR) | REFERENCE |
|  |  | FACTOR              | PERCENT<br>CONTROL    | ESTIMATED OR<br>MEASURED  |                       |                     | REFERENCE |
| РМ   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                     | REFERENCE |
| PM<br>PM-10  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                     | REFERENCE |
| PM<br>PM-10<br>SO2   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                     | REFERENCE |
| PM<br>PM-10<br>SO2<br>CO   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                     | REFERENCE |
| PM<br>PM-10<br>SO2<br>CO<br>NOx  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOx VOC  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD   | CAS NUMBER   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS:HR)  |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2.2,4 TMP   | CAS NUMBER 540-84-1  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS:HIR)  2.5E+00  7.6E-03   |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2.2.4 TMP BENZENE   | CAS NUMBER  540-84-1  71-43-2  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBSAHR)  2.5E+00  7.6E-03  9.8E-03   |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | CAS NUMBER  540-84-1  71-43-2  92-52-4   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBSAHR)  2.5E+00  7.6E-03 9.8E-03 0.0E+00  |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE   | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05   |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4                               | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS:HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                                 | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3                                     | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS:HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02                                     |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                            | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4                           | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBSAHR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00                            |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE MAPHTHALENE                | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3                   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS.AHR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00                           |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL         | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2          | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS:AHR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00  4.7E-06                  |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL STYRENE | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2 100-42-5 | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00  4.7E-06  0.0E+00  3.5E-05 |                       |                     | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL         | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2          | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL    | ESTIMATED OR MEASURED EMISSIONS (LBS:AHR)  2.5E+00  7.6E-03  9.8E-03  0.0E+00  4.8E-05  6.4E-04  1.7E-02  0.0E+00  4.7E-06                  |                       |                     | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VÉRTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| DEQ USE ONLY   |                          |                        |   |                            |   |                                       |
|--|--------------------------|------------------------|---|----------------------------|---|---------------------------------------|
| DEQ PLANT ID CODE  |                          | DEQ PROCESS CODE       |   | Di                         | EQ STACK ID CODE  |                                       |
| DEQ BUILDING ID CODE   |                          | PRIMARY SCC            |   | SE                         | ECONDARY SCC  |                                       |
| DEQ SEGMENT CODE   |                          |                        |   |                            |   |                                       |
| PART A: GENERAL INF  | ORMATION                 |                        |   |                            | •   |                                       |
| PROCESS CODE OR DESCRIF  | PTION                    | Storage of petroleum p | products  |                            |   |                                       |
| STACK DESCRIPTION  |                          | N/A                    |   |                            |   |                                       |
| BUILDING DESCRIPTION   |                          | Tank 1 (NWTC)          |   |                            |   |                                       |
| DATE INSTALLED OR<br>LAST MODIFIED   | 1951                     |                        |   |                            |   |                                       |
| GENERAL TA   | K AND MATERIAL HANDLIN   | IG DATA                |   |                            |   |                                       |
| MATERIAL DESCRIPTION   | Jet Fuel                 |                        | ]   |                            |   |                                       |
| TANK CAPACITY (GALLONS)  | 269,430                  | ANNUAL THROUGHPUT (G   | GALLONS)  | 19,531,596                 |   |                                       |
| TANK TYPE PLEASE CHOOSE FROM BELO (01) FIXED ROOF; (02) FLOATING ROOF (OR IN (03) VARIABLE VAPOR SPACE | TERNAL COVER);           |                        | SOURCE<br>PLEASE CHOOS<br>(01) PIPELINE;<br>(02) RAIL CAR;<br>(03) TANK TRU | ck;                        |   |                                       |
| (04) PRESSURE TANK;<br>(05) UNDERGROUND - SPLA   | SH LOADING               |                        | (04) SHIP BARG<br>(05) OTHER  | iE;                        |   |                                       |
| (06) OTHER   |                          |                        |   |                            |   |                                       |
| ADDITIONAL V   | /APOR PHASE DEGREASIN    | G DATA                 |   |                            |   |                                       |
| MANUFACTURER OF DEGRE  | ASING AGENT              |                        |   | т                          | ANK SURFACE AREA (S   | Q. FT)                                |
| TEMPERATURE OF DEGREAS   | SING AGENT IN TANK (DEG. | F)                     |   |                            | NETHOD OF VAPOR REC   | OVERY                                 |
|  |                          |                        |   |                            | (01) Incineration;<br>(02) Refrigerated Liquid S<br>(03) Refrigerated Condens<br>(04) Carbon Adsorption;<br>(05) Vapor Return System<br>(06) No Recovery System<br>(07) Other | ser,<br>;                             |
| ADDITIONAL I   | MATERIAL HANDLING DATA   |                        |   |                            |   |                                       |
| PHYSICAL STATE   |                          | NUMBER OF              |   | NUMBER OF COMPRI           |   | NUMBER OF IN-LINE                     |
| (SEE NOTE BELOW)   | н                        | PUMP SEALS             | <u>**</u>   | SEALS *** NUMBER OF OPEN-E |   | VALVES *** NUMBER OF SAMPLING         |
| NUMBER OF SAFETY<br>RELIEF VALVES  | **                       | NUMBER OF<br>FLANGES   | ••  | LINES                      |   | CONNECTIONS **                        |
| MATERIAL DA  | TA                       |                        |   |                            |   |                                       |
| MATERIAL DA  | ша                       |                        |   | HAP CAS<br>NUMBER          |   | HAP FRACTION IN<br>MATERIAL BY WEIGHT |
| 2,2,4 Trimethylpentane   |                          |                        |   | 540-84-1                   |   | ND                                    |
| Benzene  |                          |                        |   | 71-43-2                    |   | ND                                    |
| Biphenyl   |                          |                        |   | 92-52-4                    |   | 2.10E-03                              |
| Cresols  |                          |                        |   | 1319-77-3                  |   | 6.70E-04                              |
| Cumene   |                          |                        |   | 98-82-8                    |   | 1.70E-03                              |
| Ethylbenzene   |                          |                        |   | 100-41-4                   |   | 2.50E-04                              |
| Hexane   |                          |                        |   | 110-54-3                   |   | 3.20E-04                              |
| MTBE   |                          |                        |   | 1634-04-4                  |   | 0.00E+00                              |
| Napthalene   |                          |                        |   | 91-20-3                    |   | 0.00E+00                              |
| Phenol   |                          |                        |   | 108-95-2                   |   | ND                                    |
|  |                          |                        |   |                            |   |                                       |
| Styrene  |                          |                        |   | 100-42-5                   |   | 2.35E-03                              |
| Styrene<br>Toluene   |                          |                        |   | 100-42-5<br>108-88-3       |   | 0.00E+00                              |
|  |                          |                        |   |                            |   |                                       |

\*\* Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

Tier I Permit Application Renewal - Boise Terminal

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| SECTION 5, PART B   |  | (Tank 1 - NWTC)     | i                     |                       |          |              |           |
|---------------------|--|---------------------|-----------------------|-----------------------|----------|--------------|-----------|
| PERCENT FUEL CO     | OPERATING DATA  NSUMPTION PER QUARTER    |                     | OPERATING SCHED       | 1115                  |          |              |           |
| DEC-FEB             | 25                                       |                     | HOURS/DAY             |                       |          |              |           |
| MAR-MAY             | 25                                       |                     |                       | 24                    |          |              |           |
| JUN-AUG             | 25                                       |                     | DAYSWEEK              | 7                     |          |              |           |
| SEP-NOV             | 25                                       |                     | WEEKSYEAR             | 52                    |          |              |           |
| 32r-140V            | 25                                       |                     |                       |                       |          |              |           |
|                     | POLLUTION CONTROL EQUI                   | PMENT               |                       |                       |          |              |           |
| PARAMETER           |  | PRIMARY             |                       | SECO                  | ONDARY   |              |           |
| TYPE                |  | N/A                 |                       |                       |          |              | J         |
| TYPE CODE (FROM A   | APP. A)                                  |                     |                       |                       |          |              |           |
| MANUFACTURER        |  |                     |                       |                       |          |              | ]         |
| MODEL NUMBER        |  |                     |                       |                       |          |              | ]         |
| PRESSURE DROP (IN   | . OF WATER)                              |                     |                       |                       |          |              |           |
| WET SCRUBBER FLO    | OW (GPM)                                 |                     |                       |                       |          |              | `         |
| BAGHOUSE AIR/CLO    | TH RATIO (FPM)                           |                     |                       |                       |          |              |           |
|                     | 10-11-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2- |                     |                       |                       |          |              |           |
| <b>51.0. 5</b>      | VENTILATION AND BUILDING                 |                     | STACE                 | K DATA                |          |              | _         |
| ENCLOSED? (Y/N)     |  | N/A                 | GROUND ELEVATION      | (FT)                  |          | N/A          | j         |
| HOOD TYPE (FROM A   |  |                     | UTM X COORDINATE (    | (KM)                  |          |              |           |
| MINIMUM FLOW (ACFI  |  |                     | UTM Y COORDINATE (    | (KM)                  |          |              | ]         |
| PERCENT CAPTURE I   | EFFICIENCY                               |                     | STACK TYPE (SEE NO    | TE BELOW)             |          |              |           |
| BUILDING HEIGHT (FT | n .                                      |                     | STACK EXIT HEIGHT F   | ROM GROUND LEVEL (FT) |          |              |           |
| BUILDING LENGTH (F  | т)                                       |                     | STACK EXIT DIAMETER   | R (FT)                |          |              |           |
| BUILDING WIDTH (FT) | )  |                     | STACK EXIT GAS FLOW   | WRATE (ACFM)          |          |              | }         |
|                     |  |                     | STACK EXIT TEMPERA    | TURE (DEG. F)         |          |              |           |
|                     | AND DOLL LITARIT EMISSIONS               |                     |                       |                       |          |              |           |
| POLLUTANT           | AIR POLLUTANT EMISSIONS  CAS NUMBER      | EMISSION'           | PERCENT               | ESTIMATED OR          | ALLOWARD | E Ethiopiono |           |
|                     |  | FACTOR<br>(SEE NOTE | CONTROL<br>EFFICIENCY | MEASURED              |          | E EMISSIONS  |           |
|                     |  | BELOW)              | EFFICIENCY            | EMISSIONS<br>(LBS/HR) | (LBS/HR) | (TONS/YR)    | REFERENCE |
| РМ                  |  |                     |                       |                       |          |              |           |
| PM-10               |  |                     |                       |                       |          |              |           |
| SO2                 |  |                     |                       |                       |          |              |           |
| co                  |  |                     |                       |                       |          |              |           |
| NOx                 |  |                     |                       |                       |          |              |           |
| voc                 |  |                     |                       | 3.8E-02               |          |              |           |
| LEAD                | •  |                     |                       |                       |          |              |           |
| 2,2,4-TMP           | 540841                                   |                     |                       | 0.00E+00              |          |              |           |
| BENZENE             | 71-43-2                                  |                     |                       | 0.00E+00              |          |              |           |
| BIPHENYL            | 92-52-4                                  |                     |                       | 5.98E-06              |          |              |           |
| CRESOLS             | 1319-77-3                                |                     |                       | 2.40E-06              |          |              |           |
| CUMENE              | 98-82-8                                  |                     |                       | 1.95E-04              |          |              |           |
| ETHYLBENZENE        | 100-41-4                                 |                     |                       |                       |          |              |           |
| N-HEXANE            | 110-54-3                                 |                     |                       | 1.06E-03              |          |              |           |
| MTBE                |  |                     |                       | 2.86E-03              |          |              |           |
|                     | 1634-04-4                                |                     |                       | 0.00E+00              |          |              |           |
| NAPHTHALENE         | 91-20-3                                  |                     |                       | 4.46E-05              |          |              |           |
| PHENOL              | 108-95-2                                 |                     |                       | 4.90E-06              |          |              |           |
| STYRENE             | 100-42-5                                 |                     |                       | 0.00E+00              |          |              |           |
| TOLUENE             | 108-88-3                                 |                     |                       | 4.54E-03              |          |              |           |
| XYLENES             | 1330-20-7                                | 1 1                 | 1                     | 2.455.00              |          |              |           |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| DEQ USE ONLY   |                         |                                  |                    |  |                   |        |
|--|-------------------------|----------------------------------|--------------------|--|-------------------|--------|
| DEQ PLANT ID CODE  | DEQ PROCESS CODE        |                                  |                    | DEQ STACK ID CODE  |                   |        |
| DEQ BUILDING ID CODE   | PRIMARY SCC             |                                  |                    | SECONDARY SCC  |                   |        |
|  |                         |                                  |                    |  |                   |        |
| DEQ SEGMENT CODE   |                         |                                  |                    |  |                   |        |
| OFNICRAL INCORNATION   |                         |                                  |                    |  |                   |        |
| PART A: GENERAL INFORMATION  | Ct f - abeleum m        | rodusts                          |                    |  |                   |        |
| PROCESS CODE OR DESCRIPTION  | Storage of petroleum p  | roducis                          |                    |  |                   |        |
| STACK DESCRIPTION  | N/A                     |                                  |                    |  |                   |        |
| BUILDING DESCRIPTION   | Tank 2 (NWTC)           |                                  |                    |  |                   |        |
| DATE INSTALLED OR 1951   |                         |                                  |                    |  |                   |        |
| LAST MODIFIED  GENERAL TANK AND MATERIAL HANDLI  | NG DATA                 |                                  |                    |  |                   |        |
|  | NO PATA                 | 7                                |                    |  |                   |        |
| MATERIAL DESCRIPTION Jet Fuel  |                         | J                                |                    | 1  |                   |        |
| TANK CAPACITY (GALLONS) 186,648  | ANNUAL THROUGHPUT (G    | (ALLONS)                         | 13,530,552         | ,<br>1   |                   |        |
| TANK TYPE 01   |                         | SOURCE<br>PLEASE CHOOSE          | 01<br>F FROM BELOW | }  |                   |        |
| PLEASE CHOOSE FROM BELOW (01) FIXED ROOF;  |                         | (01) PIPELINE;                   | E I I (OM DELOVI   |  |                   |        |
| (02) FLOATING ROOF (OR INTERNAL COVER);  |                         | (02) RAIL CAR;<br>(03) TANK TRUC | ck;                |  |                   |        |
| (03) VARIABLE VAPOR SPACE;<br>(04) PRESSURE TANK;  |                         | (04) SHIP BARG                   | E;                 |  |                   |        |
| (05) UNDERGROUND - SPLASH LOADING  |                         | (05) OTHER                       |                    |  |                   |        |
| (06) OTHER   |                         |                                  |                    |  |                   |        |
| ADDITIONAL VAPOR PHASE DEGREASIN   | IG DATA                 |                                  |                    |  |                   |        |
| MANUFACTURER OF DEGREASING AGENT   |                         |                                  |                    | TANK SURFACE AREA (S   | SQ. FT)           |        |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DEG   | . F)                    |                                  |                    | METHOD OF VAPOR REC<br>Please choose from below                            |                   |        |
|  |                         |                                  |                    | (01) Incineration;   |                   |        |
|  |                         |                                  |                    | (02) Refrigerated Liquid S<br>(03) Refrigerated Conden                     |                   |        |
|  |                         |                                  |                    | <ul><li>(04) Carbon Adsorption;</li><li>(05) Vapor Return System</li></ul> | n;                |        |
| ,  |                         |                                  |                    | (06) No Recovery System  |                   |        |
|  |                         |                                  |                    | (07) Other   |                   |        |
| The second secon |                         |                                  |                    |  | •                 |        |
| ADDITIONAL MATERIAL HANDLING DAT   |                         |                                  | NUMBER OF COM      | DDESCOD  | NUMBER OF IN-LIN  | E      |
| PHYSICAL STATE   | NUMBER OF               | **                               | SEALS              | **   | VALVES            | **     |
| (SEE NOTE BELOW)   | PUMP SEALS<br>NUMBER OF | <u> </u>                         | NUMBER OF OPEN     | ENDED  | NUMBER OF SAMP    |        |
| NUMBER OF SAFETY RELIEF VALVES   | FLANGES                 | ••                               | LINES              | **   | CONNECTIONS       | **     |
|  |                         |                                  |                    |  |                   |        |
| MATERIAL DATA  |                         |                                  | HAP CAS            |  | HAP FRACTION IN   |        |
| HAP DESCRIPTION  |                         |                                  | NUMBER             |  | MATERIAL BY WEIGH | श      |
| 2,2,4 Trimethylpentane   |                         |                                  | 540-84-1           | ]  | ND                | l      |
|  |                         |                                  | 71-43-2            |  | ND                |        |
| Benzene  |                         |                                  | 92-52-4            | -<br>1   | 2.10E-03          | ]      |
| Biphenyl   |                         |                                  | 1319-77-3          | 7  | 6.70E-04          | ]      |
| Cresols  |                         |                                  |                    | -  |                   | ,      |
| Cumene   |                         |                                  | 98-82-8            | <u>u</u>   | 1.70E-03          | ,<br>I |
| Ethylbenzene   |                         |                                  | 100-41-4           | J  | 2.50E-04          | )      |
| Hexane   |                         |                                  | 110-54-3           |  | 3.20E-04          |        |
| MTBE   |                         |                                  | 1634-04-4          |  | 0.00E+00          |        |
| Napthalene   |                         |                                  | 91-20-3            |  | 0.00E+00          |        |
| Phenol   |                         |                                  | 108-95-2           |  | ND                | ]      |
|  |                         |                                  | 100-42-5           | ]  | 2.35E-03          |        |
| Styrene  |                         |                                  | 108-88-3           | ]  | 0.00E+00          |        |
| Toluene  |                         |                                  | 1330-20-7          | -<br>-   | 0.00E+00          | ]      |
| Xylenes  |                         |                                  | 1000-20-7          |  |                   | -      |
|  | ICHT: HI HEAVY LIGHT    |                                  |                    |  |                   |        |

| SECTION 5, PART E  | 1  | (Tank 2 - NWTC)     |                     |   |                       |                          |           |
|--|--|---------------------|---------------------|---|-----------------------|--------------------------|-----------|
| DEDCENT FUEL CO  | OPERATING DATA INSUMPTION PER QUARTER  |                     |                     |   |                       |                          |           |
| DEC-FEB  |  |                     | OPERATING SCHEDU    |   |                       |                          |           |
|  | 25   |                     | HOURS/DAY           | 24  |                       |                          | ¥.        |
| MAR-MAY  | 25   |                     | DAYS/WEEK           | 7   |                       |                          |           |
| JUN-AUG  | 25   |                     | WEEKS/YEAR          | 52  |                       |                          |           |
| SEP-NOV  | 25   |                     |                     |   |                       |                          |           |
|  | POLLUTION CONTROL EQUIP  | <u>WENT</u>         |                     |   |                       |                          |           |
| PARAMETER  |  | PRIMARY             |                     | SECO  | NDARY                 |                          | _         |
| TYPE   |  | N/A                 |                     |   |                       |                          | }         |
| TYPE CODE (FROM  | APP. A)  |                     |                     |   |                       |                          | _         |
| MANUFACTURER   |  |                     |                     |   |                       |                          | ]         |
| MODEL NUMBER   |  |                     |                     |   |                       |                          | j         |
| PRESSURE DROP (I   | •  | <u> </u>            |                     | <u></u>   |                       |                          |           |
| WET SCRUBBER FLO   |  |                     |                     |   |                       |                          |           |
| BAGHOUSE AIR/CLC   | TH RATIO (FPM)   |                     |                     | <u></u>   |                       |                          |           |
|  | VENTILATION AND BUILDING/A   | REA DATA            | STACK               | DATA  |                       |                          |           |
| ENCLOSED? (Y/N)  |  | N/A                 | GROUND ELEVATION (F |   |                       | N/A                      | ì         |
| HOOD TYPE (FROM  | APP. B)  |                     | UTM X COORDINATE (K |   |                       |                          | ļ         |
| MINIMUM FLOW (ACE  | FM)  |                     | UTM Y COORDINATE (K | ,<br>(M)  |                       |                          |           |
| PERCENT CAPTURE  | EFFICIENCY   |                     | STACK TYPE (SEE NOT |   |                       |                          |           |
| BUILDING HEIGHT (F   | T)   |                     |                     | ROM GROUND LEVEL (FT)   |                       |                          |           |
| BUILDING LENGTH (F   | <del>-</del> T)  |                     | STACK EXIT DIAMETER |   |                       |                          |           |
| BUILDING WIDTH (FT   | )  |                     | STACK EXIT GAS FLOW | RATE (ACFM)   |                       |                          |           |
|  |  |                     |                     |   |                       |                          |           |
|  |  |                     | STACK EXIT TEMPERAT | URE (DEG. F)  |                       | 1 1                      |           |
|  |  |                     | STACK EXIT TEMPERAT | URE (DEG. F)  |                       |                          |           |
| POLLUTANT  | AR POLLUTANT EMISSIONS  CAS NUMBER   | FMISSION!*          |                     |   |                       |                          |           |
| POLLUTANT  | AR POLLUTANT EMISSIONS CAS NUMBER  | EMISSION* FACTOR    | PERCENT<br>CONTROL  | ESTIMATED OR<br>MEASURED  |                       | EMISSIONS                |           |
| POLLUTANT  |  |                     | PERCENT             | ESTIMATED OR  | ALLOWABLE<br>(LBS/HR) | E EMISSIONS<br>(TONS/YR) | REFERENCE |
| POLLUTANT<br>PM  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
|  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| РМ   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| PM<br>PM-10  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| PM<br>PM-10<br>SO2   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| PM<br>PM-10<br>SO2<br>CO   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR<br>MEASURED<br>EMISSIONS   |                       |                          | REFERENCE |
| PM<br>PM-10<br>SO2<br>CO<br>NOx  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC  | CAS NUMBER   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2,2,4-TMP   | CAS NUMBER   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2,2,4-TMP BENZENE   | CAS NUMBER  540841  71-43-2  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02  0.00E+00   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4-TMP BENZENE BIPHENYL  | CAS NUMBER  540841  71-43-2  92-52-4   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4-TMP BENZENE BIPHENYL CRESOLS  | 540841<br>71-43-2<br>92-52-4<br>1319-77-3  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02  0.00E+00  4.2E-06  1.7E-06   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE   | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  1.7E-06  1.4E-04  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                  | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  1.7E-06  1.4E-04  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                         | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3                                     | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-06  1.4E-04  7.4E-04  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                    | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4                        | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  1.7E-06  1.4E-04  7.4E-04  2.0E-03  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3             | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-06  1.4E-04  7.4E-04  2.0E-03  0.0E+00  3.1E-05                   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE MAPHTHALENE PHENOL | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2 | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL  | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  2.7E-02  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-06  1.4E-04  7.4E-04  2.0E-03  0.0E+00  3.1E-05  3.4E-06 |                       |                          | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBSAUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| SECTION 5: STORAGE AND H                               | ANDLING OF LIQUID SOLV | ENTO BOTTLEN TO BUTTLE |                                  |                    |   |                          |              |
|--|------------------------|------------------------|----------------------------------|--------------------|---|--------------------------|--------------|
| DEQ USE ONLY   |                        |                        |                                  |                    |   |                          |              |
| DEQ PLANT ID CODE                                      |                        | DEQ PROCESS CODE       |                                  | . D                | EQ STACK ID CODE                                    |                          |              |
| DEQ BUILDING ID CODE                                   |                        | PRIMARY SCC            |                                  | si                 | ECONDARY SCC  |                          |              |
| DEQ SEGMENT CODE                                       |                        |                        |                                  |                    |   |                          |              |
| PART A: GENERAL INFO                                   | DRMATION               |                        |                                  |                    |   |                          |              |
| PROCESS CODE OR DESCRIP                                | TION .                 | Storage of petroleum p | products                         |                    |   |                          |              |
| STACK DESCRIPTION                                      |                        | N/A                    |                                  |                    |   |                          |              |
| BUILDING DESCRIPTION                                   |                        | Tank 3 (NWTC)          |                                  |                    |   |                          |              |
| DATE INSTALLED OR                                      | 1951                   |                        |                                  |                    |   |                          |              |
| LAST MODIFIED  |                        |                        |                                  |                    |   |                          |              |
| GENERAL TAN  | K AND MATERIAL HANDLI  | NG DATA                | -7                               |                    |   |                          |              |
| MATERIAL DESCRIPTION                                   | Jet Fuel               |                        | اـ                               |                    |   |                          |              |
| TANK CAPACITY (GALLONS)                                | 186,648                | ANNUAL THROUGHPUT (    | GALLONS)                         | 13,530,552         |   |                          |              |
| TANK TYPE  | 01                     |                        | SOURCE<br>PLEASE CHOOS           | 01<br>E FROM BELOW |   |                          |              |
| PLEASE CHOOSE FROM BELC<br>(01) FIXED ROOF;            |                        |                        | (01) PIPELINE;<br>(02) RAIL CAR; |                    |   |                          |              |
| (02) FLOATING ROOF (OR IN<br>(03) VARIABLE VAPOR SPACE | E;                     |                        | (03) TANK TRU                    |                    |   |                          | -            |
| (04) PRESSURE TANK;<br>(05) UNDERGROUND - SPLAS        | SH LOADING             |                        | (05) OTHER                       |                    |   |                          |              |
| (06) OTHER   |                        |                        |                                  |                    |   |                          |              |
| ADDITIONAL V   | APOR PHASE DEGREASIN   | G DATA                 |                                  |                    |   |                          |              |
| MANUFACTURER OF DEGREE                                 | ASING AGENT            |                        |                                  | ד                  | FANK SURFACE AREA (S                                | SQ. FT)                  |              |
| TEMPERATURE OF DEGREAS                                 | ING AGENT IN TANK (DEG | . F)                   |                                  |                    | METHOD OF VAPOR REC<br>Please choose from below     |                          |              |
|  |                        |                        |                                  |                    | (01) Incineration;<br>(02) Refrigerated Liquid S    |                          |              |
|  |                        |                        |                                  |                    | (03) Refrigerated Conden<br>(04) Carbon Adsorption; |                          |              |
|  |                        |                        |                                  |                    | (05) Vapor Return System<br>(06) No Recovery System |                          |              |
|  |                        |                        |                                  |                    | (07) Other  |                          |              |
| ADDITIONAL I   | WATERIAL HANDLING DAT. | <u>A</u>               |                                  |                    |   |                          |              |
| PHYSICAL STATE   |                        | NUMBER OF              |                                  | NUMBER OF COMPE    |   | NUMBER OF IN-LIN         |              |
| (SEE NOTE BELOW)                                       | H                      | PUMP SEALS             | ••                               | SEALS [            | **  | VALVES<br>NUMBER OF SAMP | LING         |
| NUMBER OF SAFETY                                       | ···                    | NUMBER OF<br>FLANGES   | **                               |                    | **  | CONNECTIONS              | ••           |
| RELIEF VALVES  |                        |                        |                                  | _                  |   |                          |              |
| MATERIAL DA  | MA.                    |                        |                                  | HAP CAS            |   | HAP FRACTION IN          |              |
| HAP DESCRIPTION  |                        |                        |                                  | NUMBER             |   | MATERIAL BY WEIGH        | ना<br>र      |
| 2,2,4 Trimethylpentane                                 |                        |                        |                                  | 540-84-1           |   | ND                       | <u> </u><br> |
| Benzene  |                        |                        |                                  | 71-43-2            |   | 7.69E-03                 | 1            |
| Biphenyl   |                        |                        |                                  | 92-52-4            |   | 4.44E-03                 | -<br>1       |
| Cresols  |                        |                        |                                  | 1319-77-3          |   | 2.78E-03                 | -<br>1       |
| Cumene   |                        |                        |                                  | 98-82-8            |   | 1.13E-03                 |              |
| Ethylbenzene   |                        |                        |                                  | 100-41-4           |   | 2.95E-03                 | -<br>1       |
| Hexane   |                        |                        |                                  | 110-54-3           |   | 1.72E-02                 | <u>}</u>     |
| MTBE   |                        |                        |                                  | 1634-04-4          |   | 0.00E+00                 | <u> </u>     |
| Napthalene   |                        |                        |                                  | 91-20-3            |   | 6.38E-03                 |              |
| Phenoi   |                        |                        |                                  | 108-95-2           |   | 3.14E-03                 | ]            |
| Styrene  |                        |                        |                                  | 100-42-5           |   | 9.85E-04                 |              |
| Toluene  |                        |                        |                                  | 108-88-3           |   | 2.04E-02                 | ]            |
| Xylenes  |                        |                        |                                  | 1330-20-7          |   | 1.38E-02                 |              |
| L7   |                        |                        |                                  |                    |   |                          |              |

| SECTION 5, PART E  | 3  | (Tank 3 - NWTC)     |                                  |  |                       |                          |           |
|--|--|---------------------|----------------------------------|--|-----------------------|--------------------------|-----------|
| bennesia mier no   | OPERATING DATA   |                     |                                  |  |                       |                          |           |
|  | NSUMPTION PER QUARTER  |                     | OPERATING SCHEL                  |  |                       | •                        |           |
| DEC-FEB  | 25   |                     | HOURS/DAY                        | 24   |                       |                          |           |
| MAR-MAY  | 25   |                     | DAYS/WEEK                        | 7  |                       |                          |           |
| JUN-AUG  | 25   |                     | WEEKS/YEAR                       | 52   |                       |                          |           |
| SEP-NOV  | 25   |                     |                                  |  |                       |                          |           |
|  | POLLUTION CONTROL EQUI   | MENT                |                                  |  |                       |                          |           |
| PARAMETER  |  | PRIMARY             |                                  | SECO   | NDARY                 |                          | _         |
| TYPE   |  | N/A                 |                                  |  |                       |                          | }         |
| TYPE CODE (FROM  | APP. A)  | <u> </u>            |                                  | <u></u>  |                       |                          |           |
| MANUFACTURER   |  |                     |                                  |  |                       |                          | ]         |
| MODEL NUMBER   |  |                     |                                  |  |                       |                          | ]         |
| PRESSURE DROP (I   | N. OF WATER)   |                     |                                  |  |                       |                          |           |
| WET SCRUBBER FLO   | OW (GPM)   |                     |                                  |  |                       |                          |           |
| BAGHOUSE AIR/CLO   | OTH RATIO (FPM)  |                     |                                  |  |                       |                          |           |
|  | VENTILATION AND BUILDING   | ADEA DATA           |                                  |  |                       |                          |           |
| ENCLOSED? (Y/N)  | YENTIERTON AND BULDING!  | N/A                 |                                  | CK DATA  |                       |                          | <b>;</b>  |
| HOOD TYPE (FROM  | ADD DI   |                     | GROUND ELEVATION                 |  |                       | N/A                      | -         |
| MINIMUM FLOW (ACF  | ·  |                     | UTM X COORDINATE                 |  |                       |                          |           |
|  | •  |                     | UTM Y COORDINATE                 |  |                       |                          |           |
| PERCENT CAPTURE BUILDING HEIGHT (F   |  |                     | STACK TYPE (SEE NO               |  |                       | ļ                        |           |
| •  | ,  |                     |                                  | FROM GROUND LEVEL (FT)   |                       | <u></u>                  |           |
| BUILDING LENGTH (F   |  |                     | STACK EXIT DIAMETE               |  |                       |                          |           |
| BUILDING WIDTH (FT   | •  |                     | STACK EXIT GAS FLO               |  |                       |                          |           |
|  |  |                     | STACK EXIT TEMPER                | ATURE (DEG. F)   |                       |                          |           |
|  |  |                     |                                  |  |                       |                          |           |
|  | AIR POLLUTANT EMISSIONS  |                     |                                  |  |                       |                          |           |
| POLLUTANT  | AIR POLLUTANT EMISSIONS  CAS NUMBER  | EMISSION*           | PERCENT                          | ESTIMATED OR   | ALLOWABLE             | E EMISSIONS              |           |
| POLLUTANT  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL<br>EFFICIENCY | MEASURED<br>EMISSIONS  | ALLOWABLE<br>(LBS/HR) | E EMISSIONS<br>(TONS/YR) | REFERENCE |
|  |  | FACTOR              | CONTROL                          | MEASURED   |                       |                          | REFERENCE |
| РМ   |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                          | REFERENCE |
| PM<br>PM-10  |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                          | REFERENCE |
| PM<br>PM-10<br>SO2   |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                          | REFERENCE |
| PM<br>PM-10<br>SO2<br>CO   |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                          | REFERENCE |
| PM<br>PM-10<br>SO2<br>CO<br>NOx  |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS<br>(LBS/HR)  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOx  |  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED<br>EMISSIONS  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD   | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS:/HR)   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4-TMP   | CAS NUMBER   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  2.7E-02  0.00E+00   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4-TMP BENZENE   | CAS NUMBER  540841  71-43-2  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR) (L |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4-TMP BENZENE BIPHENYL  | 540841<br>71-43-2<br>92-52-4   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS:/HR) (LSS:/HR) (LBS:/HR) (LSS:/HR) (LSS:/HR) (LSS:/HR) (LSS:/HR) (LSS:/H |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4-TMP BENZENE BIPHENYL CRESOLS  | 540841<br>71-43-2<br>92-52-4<br>1319-77-3  | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-08  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4-TMP BENZENE BIPHENYL CRESOLS CUMENE   | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS:/HR)  (LBS:/HR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-06  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                  | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4   | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBSAHR)  (LBSAHR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-06  1.4E-04  7.4E-04  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                         | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3                                     | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR) (L |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                    | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4                        | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBSAHR)  (LBSAHR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-06  1.4E-04  7.4E-04  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3             | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR) (L |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2 | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-06  1.4E-04  7.4E-04  2.0E-03  0.0E+00  |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3             | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-06  1.4E-04  7.4E-04  2.0E-03  0.0E+00  3.1E-05   |                       |                          | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL | 540841<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2 | FACTOR<br>(SEE NOTE | CONTROL                          | MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  2.7E-02  0.00E+00  0.0E+00  4.2E-06  1.7E-06  1.4E-04  7.4E-04  2.0E-03  0.0E+00  3.1E-05  3.4E-06  |                       |                          | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/LINIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| DEQ USE ONLY   |                         |  |  |  |
|--|-------------------------|--|--|--|
| DEQ PLANT ID CODE  | DEQ PROCESS CODE        |  | DEQ STACK ID CODE  |  |
| DEQ BUILDING ID CODE   | PRIMARY SCC             |  | SECONDARY SCC  |  |
| DEQ SEGMENT CODE   |                         |  |  |  |
| DEG COMMENT  |                         |  |  |  |
| PART A: GENERAL INFORMATION  |                         |  |  | ·  |
| PROCESS CODE OR DESCRIPTION  | Storage of petroleum    | products                                 |  |  |
| STACK DESCRIPTION  | N/A                     |  |  |  |
| BUILDING DESCRIPTION   | Tank 4 (NWTC)           |  |  |  |
| DATE INSTALLED OR 1949 LAST MODIFIED   |                         |  |  |  |
| GENERAL TANK AND MATERIAL HANDLE   | NG DATA                 |  |  |  |
| MATERIAL DESCRIPTION Diesel  |                         |  |  |  |
| TANK CAPACITY (GALLONS) 340,200  | ANNUAL THROUGHPUT (     | GALLONS)                                 | 6,300,000  |  |
| TANK TYPE 02 PLEASE CHOOSE FROM BELOW  |                         | SOURCE<br>PLEASE CHOOS<br>(01) PIPELINE; | 01<br>E FROM BELOW   |  |
| (01) FIXED ROOF;<br>(02) FLOATING ROOF (OR INTERNAL COVER);  |                         | (02) RAIL CAR;<br>(03) TANK TRU          | CK;  |  |
| (03) VARIABLE VAPOR SPACE;<br>(04) PRESSURE TANK;  |                         | (04) SHIP BARG                           |  |  |
| (05) UNDERGROUND - SPLASH LOADING (06) OTHER   |                         | (05) OTHER                               | -  |  |
| •  |                         |  |  |  |
| ADDITIONAL VAPOR PHASE DEGREASIN   | G DATA                  |  | TANK CHOEACE ADE   | A (SO ET)  |
| MANUFACTURER OF DEGREASING AGENT   |                         |  | TANK SURFACE ARE   |  |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DEG   | .F)                     |  | METHOD OF VAPOR<br>Please choose from b  |  |
|  | Y.                      |  | (01) Incineration;<br>(02) Refrigerated Liq  | uld Scrubber,  |
|  |                         |  | (03) Refrigerated Co<br>(04) Carbon Adsorpti   |  |
|  |                         |  | (05) Vapor Return Sy<br>(06) No Recovery Sy  | ystem;   |
|  |                         |  | (07) Other   |  |
|  |                         |  |  |  |
| ADDITIONAL MATERIAL HANDLING DATA  |                         |  | AND THE OF COMPRESSOR  | NUMBER OF IN-LINE  |
| PHYSICAL STATE   | NUMBER OF<br>PUMP SEALS | **                                       | NUMBER OF COMPRESSOR   | MOMBEL OF HACHAE   |
| (SEE NOTE BELOW) H NUMBER OF SAFETY  |                         |  | SEALS **   | VALVES **  |
|  | NUMBER OF               |  | SEALS "" NUMBER OF OPEN-ENDED  | NUMBER OF SAMPLING   |
| RELIEF VALVES  |                         |  | SEALS  | VALVES   |
|  | NUMBER OF               | **                                       | NUMBER OF OPEN-ENDED   | NUMBER OF SAMPLING   |
| MATERIAL DATA  HAP DESCRIPTION   | NUMBER OF               | ••                                       | NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER  | NUMBER OF SAMPLING CONNECTIONS **  HAP FRACTION IN MATERIAL BY WEIGHT  |
| MATERIAL DATA  | NUMBER OF               |  | NUMBER OF OPEN-ENDED LINES  HAP CAS  | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00   |
| MATERIAL DATA HAP DESCRIPTION  | NUMBER OF               |  | NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER  | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00   |
| MATERIAL DATA HAP DESCRIPTION  2,2,4 Trimethylpentane  | NUMBER OF               |  | NUMBER OF OPEN-ENDED LINES  **  HAP CAS NUMBER  540-84-1   | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00   |
| MATERIAL DATA HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene   | NUMBER OF               |  | NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER  540-84-1  71-43-2  | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00   |
| MATERIAL DATA  HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene  Biphenyl  Cresols   | NUMBER OF               |  | NUMBER OF OPEN-ENDED LINES  **  HAP CAS NUMBER.  540-84-1  71-43-2  92-52-4  | NUMBER OF SAMPLING CONNECTIONS **  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  ND  7.10E-04  |
| MATERIAL DATA  HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene  Biphenyl  Cresols  Cumene   | NUMBER OF               |  | NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  ND  7.10E-04  2.40E-04   |
| MATERIAL DATA  HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene  Biphenyl  Cresols  Cumene  Ethylbenzene                                   | NUMBER OF               |  | NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER.  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8   | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  ND  7.10E-04  2.40E-04   |
| MATERIAL DATA  HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene  Biphenyl  Cresols  Cumene  Ethylbenzene  Hexane                           | NUMBER OF               |  | NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4   | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  ND  7.10E-04  2.40E-04  2.90E-04   |
| MATERIAL DATA  HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene  Biphenyl  Cresols  Cumene  Ethylbenzene  Hexane  MTBE                     | NUMBER OF               | ••                                       | HAP CAS NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3   | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  ND  7.10E-04  2.40E-04  2.90E-04  2.90E-04  0.00E+00                               |
| MATERIAL DATA  HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene  Biphenyl  Cresols  Cumene  Ethylbenzene  Hexane  MTBE  Napthalene         | NUMBER OF               |  | HAP CAS NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER .  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4  110-54-3  1634-04-4  91-20-3                | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  ND  7.10E-04  2.40E-04  2.90E-04  0.00E+00  2.40E-02                               |
| MATERIAL DATA  HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene  Biphenyl  Cresols  Cumene  Ethylbenzene  Hexane  MTBE  Napthalene  Phenol | NUMBER OF               |  | HAP CAS NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER.  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4  110-54-3  1634-04-4  91-20-3  108-95-2       | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  ND  7.10E-04  2.40E-04  2.90E-04  0.00E+00  2.40E-02  1.70E-03  2.60E-03           |
| MATERIAL DATA  HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene  Biphenyl  Cresols  Cumene  Ethylbenzene  Hexane  MTBE  Napthalene         | NUMBER OF               |  | HAP CAS NUMBER OF OPEN-ENDED LINES  HAP CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4  110-54-3  1634-04-4  91-20-3  108-95-2  100-42-5 | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  ND  7.10E-04  2.40E-04  2.90E-04  0.00E+00  2.40E-02  1.70E-03  2.60E-03  0.00E+00 |
| MATERIAL DATA  HAP DESCRIPTION  2,2,4 Trimethylpentane  Benzene  Biphenyl  Cresols  Cumene  Ethylbenzene  Hexane  MTBE  Napthalene  Phenol | NUMBER OF               | ••                                       | HAP CAS NUMBER OF OPEN-ENDED LINES **  HAP CAS NUMBER.  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4  110-54-3  1634-04-4  91-20-3  108-95-2       | NUMBER OF SAMPLING CONNECTIONS  HAP FRACTION IN MATERIAL BY WEIGHT  0.00E+00  ND  7.10E-04  2.40E-04  2.90E-04  0.00E+00  2.40E-02  1.70E-03  2.60E-03           |

| SECTION S, FART D  | (16)44 - 1111 10)   |  |   |             |  |           |
|--|---------------------|--|---|-------------|--|-----------|
| <u>OPERATING DATA</u> PERCENT FUEL CONSUMPTION PER QUARTER                 |                     | OPERATING SCHEDULE                                       |   |             |  |           |
| DEC-FEB 25   |                     | HOURS/DAY  | 24  |             |  |           |
| MAR-MAY 25   | •                   | DAYSWEEK   | 7   |             |  |           |
|  |                     | WEEKS/YEAR   | 52  |             |  |           |
|  |                     | WEEKSTEAK L  | <u>32</u> j   |             |  |           |
| SEP-NOV 25   |                     |  |   |             |  |           |
| POLLUTION CONTROL EQUIPMEN   | I                   |  |   |             |  |           |
| PARAMETER  | PRIMARY             |  | SECONDARY   |             | ······································ |           |
| TYPE   | N/A                 |  |   | <del></del> |  |           |
| TYPE CODE (FROM APP. A)  |                     |  |   |             |  |           |
| MANUFACTURER   | L                   |  |   |             |  |           |
| MODEL NUMBER   |                     | <u> </u>   |   | 1           |  |           |
| PRESSURE DROP (IN. OF WATER)   |                     |  |   | ]           |  |           |
| WET SCRUBBER FLOW (GPM)  |                     |  |   | ]           |  |           |
| BAGHOUSE AIR/CLOTH RATIO (FPM)   |                     |  |   | ]           |  |           |
| VENTILATION AND BUILDING/AREA  | DATA                | STACK DATA   | ·   |             |  |           |
| ENCLOSED? (Y/N)  | N/A                 | GROUND ELEVATION (FT)                                    |   |             | N/A                                    |           |
| HOOD TYPE (FROM APP. B)  |                     | UTM X COORDINATE (KM)                                    | -   |             |  |           |
| MINIMUM FLOW (ACFM)  |                     | UTMY COORDINATE (KM)                                     |   |             |  |           |
| PERCENT CAPTURE EFFICIENCY   |                     | STACK TYPE (SEE NOTE BELOV                               | MA.   |             |  |           |
|  |                     | STACK EXIT HEIGHT FROM GRO                               |   |             |  |           |
| BUILDING HEIGHT (FT)   |                     |  | DOND LEVEL (F1)                                     |             |  |           |
| BUILDING LENGTH (FT)   |                     | STACK EXIT DIAMETER (FT)                                 | CEAN  |             |  |           |
| BUILDING WIDTH (FT)  |                     | STACK EXIT GAS FLOWRATE (A<br>STACK EXIT TEMPERATURE (DE |   |             |  |           |
|  |                     | STACKEAST TEMPERATURE (DE                                | :G. F)  |             | L                                      |           |
| AIR POLLUTANT EMISSIONS  |                     |  |   |             |  |           |
| POLLUTANT CAS NUMBER   | EMISSION*<br>FACTOR |  | STIMATED OR<br>MEASURED                             | ALLOWABLE   | EMISSIONS                              |           |
|  | (SEE NOTE<br>BELOW) |  | EMISSIONS<br>(LBS/HR)                               | (LBS/HR)    | (TONS/YR)                              | REFERENCE |
| PM   |                     |  | (LEASTING)  |             |  |           |
| PM-10  |                     | <b></b>  | <del></del>   |             |  |           |
| SO2  |                     |  |   |             |  |           |
|  |                     |  |   |             |  | <u> </u>  |
| 00   |                     |  |   |             |  | <u> </u>  |
| NOx  |                     |  | 405.03  |             |  |           |
| VOC  |                     | <del>     </del>   | 4.9E-03   |             |  |           |
| LEAD S40 04 4  |                     |  | L   |             |  |           |
| 2,2,4 TMP 540-84-1   |                     |  | 1.5E-05   |             |  |           |
| BENZENE 71-43-2  |                     |  | 0.0E+00   |             |  |           |
| BIPHENYL 92-52-4   |                     | <u> </u>   | 2.9E-06   |             |  |           |
| CRESOLS 1319-77-3  |                     |  |   |             |  |           |
| CUMENE 98-82-8   |                     |  | 2.1E-06   |             |  |           |
|  |                     |  | 3.4E-06   |             |  |           |
| ETHYLBENZENE 100-41-4  |                     |  | 3.4E-06<br>7.6E-06                                  |             |  |           |
| ETHYLBENZENE 100-41-4<br>N-HEXANE 110-54-3                                 |                     |  | 3.4E-06<br>7.6E-06<br>6.5E-05                       |             |  |           |
| ETHYLBENZENE 100-41-4  |                     |  | 3.4E-06<br>7.6E-06<br>6.5E-05<br>0.0E+00            |             |  |           |
| ETHYLBENZENE 100-41-4<br>N-HEXANE 110-54-3                                 |                     |  | 3.4E-06<br>7.6E-06<br>6.5E-05<br>0.0E+00<br>7.6E-06 |             |  |           |
| ETHYLBENZENE 100-41-4 N-HEXANE 110-54-3 MTBE 1634-04-4                     |                     |  | 3.4E-06<br>7.6E-06<br>6.5E-05<br>0.0E+00            |             |  |           |
| ETHYLBENZENE 100-41-4 N-HEXANE 110-54-3 MTBE 1634-04-4 NAPHTHALENE 91-20-3 |                     |  | 3.4E-06<br>7.6E-06<br>6.5E-05<br>0.0E+00<br>7.6E-06 |             |  |           |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

XYLENES

1330-20-7

2.7E-05

### SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS DEQ USE ONLY DEQ STACK ID CODE DEQ PROCESS CODE DEQ PLANT ID CODE SECONDARY SCC PRIMARY SCC DEQ BUILDING ID CODE DEQ SEGMENT CODE PART A: GENERAL INFORMATION PROCESS CODE OR DESCRIPTION Storage of petroleum products N/A STACK DESCRIPTION Tank 5 (NWTC) BUILDING DESCRIPTION 1949 DATE INSTALLED OR LAST MODIFIED GENERAL TANK AND MATERIAL HANDLING DATA MATERIAL DESCRIPTION Gasoline ANNUAL THROUGHPUT (GALLONS) 22,925,196 483,000 TANK CAPACITY (GALLONS) SOURCE TANK TYPE PLEASE CHOOSE FROM BELOW 02 PLEASE CHOOSE FROM BELOW (01) PIPELINE; (01) FIXED ROOF; (02) FLOATING ROOF (OR INTERNAL COVER); (03) VARIABLE VAPOR SPACE; (02) RAIL CAR (03) TANK TRUCK; (04) SHIP BARGE; (04) PRESSURE TANK; (05) UNDERGROUND - SPLASH LOADING (05) OTHER (06) OTHER ADDITIONAL VAPOR PHASE DEGREASING DATA TANK SURFACE AREA (SQ. FT) MANUFACTURER OF DEGREASING AGENT METHOD OF VAPOR RECOVERY TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F) Please choose from below (01) Incineration; (02) Refrigerated Liquid Scrubber; (03) Refrigerated Condenser; (04) Carbon Adsorption: (05) Vapor Return System (06) No Recovery System (07) Other ADDITIONAL MATERIAL HANDLING DATA NUMBER OF COMPRESSOR NUMBER OF IN-LINE PHYSICAL STATE NUMBER OF VALVES PUMP SEALS SEALS (SEE NOTE BELOW) NUMBER OF OPEN-ENDED NUMBER OF SAMPLING NUMBER OF NUMBER OF SAFETY CONNECTIONS LINES RELIEF VALVES FLANGES MATERIAL DATA HAP FRACTION IN MATERIAL BY WEIGHT HAP CAS HAP DESCRIPTION NUMBER 0.00E+00 540-84-1 2,2,4 Trimethylpentane 71-43-2 1.29E-02 Benzene 0.00E+00 92-52-4 Biphenyl 1319-77-3 1.50E-03 Cresols 98-82-8 9.26E-03 Cumene 1.34E-02 100-41-4 Ethylbenzene 110-54-3 7.80E-04 Hexane 1.97E-02 91-20-3 Napthalene

Xylenes

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

Phenol

Styrene

Toluene

108-95-2

100-42-5

108-88-3

1330-20-7

5.25E-02

4.91E-02

0.00E+00

0.00E+00

| SECTION 5, PART   |  | (Tank 5 - NWTC)     |                       |  |             |             |           |
|---|--|---------------------|-----------------------|--|-------------|-------------|-----------|
| PERCENT FUEL C  | OPERATING DATA<br>CONSUMPTION PER QUARTER  |                     | OPERATING SCHEE       | NII E  |             |             |           |
| DEC-FEB   | 25   |                     | HOURS/DAY             |  |             |             |           |
| MAR-MAY   | 25   |                     | DAYS/WEEK             | 24<br>   |             |             |           |
| JUN-AUG   | 25   |                     | WEEKS/YEAR            |  |             |             |           |
| SEP-NOV   | 25   |                     | WEEKS/YEAR            | 52   |             |             |           |
| OLI MOV   | 25   |                     |                       |  |             |             |           |
|   | POLLUTION CONTROL EQUIP  | MENT                |                       |  |             |             |           |
| PARAMETER<br>TYPE   |  | PRIMARY             | -                     | SECO   | NDARY       |             |           |
|   | 14 ADD AV  | N/A                 |                       |  | <del></del> |             |           |
| TYPE CODE (FROM   |  |                     |                       |  |             |             |           |
| MANUFACTURER  |  |                     |                       |  |             |             |           |
| MODEL NUMBER  |  |                     |                       |  |             |             |           |
| PRESSURE DROP   | · ·  |                     | •                     |  |             |             |           |
| WET SCRUBBER F  |  |                     |                       |  |             |             |           |
| BAĢHOUSE AIR/CI   | LOTH RATIO (FPM)   |                     |                       | <u>[</u>   |             |             |           |
|   | VENTILATION AND BUILDING   | AREA DATA           | STAC                  | CK DATA  |             |             |           |
| ENCLOSED? (Y/N)   |  | N/A                 | GROUND ELEVATION      |  |             | N/A         |           |
| HOOD TYPE (FROM   |  |                     | UTM X COORDINATE      |  |             | N/A         |           |
| MINIMUM FLOW (A   |  |                     | •                     | • •  |             |             |           |
| PERCENT CAPTUR  | •  |                     | UTM Y COORDINATE      |  |             |             |           |
| BUILDING HEIGHT   |  |                     | STACK TYPE (SEE N     |  |             |             |           |
| BUILDING LENGTH   |  |                     |                       | FROM GROUND LEVEL (FT)   |             |             |           |
| BUILDING WIDTH (  |  |                     | STACK EXIT DIAMETI    |  |             |             |           |
| DOICDING WID IT!  |  | · <del>L</del>      | STACK EXIT GAS FLO    | , ,  |             |             |           |
|   | AIR POLLUTANT EMISSIONS  |                     | STACK EXIT TEMPER     | CATURE (DEG. F)  |             |             |           |
| POLLUTANT   | CAS NUMBER   | EMISSION*           | PERCENT               | ESTIMATED OR   | ALLOWABL    | E EMISSIONS |           |
|   |  | FACTOR<br>(SEE NOTE | CONTROL<br>EFFICIENCY | MEASURED<br>EMISSIONS  | (LBS/HR)    | (TONS/YR)   | REFERENCE |
|   |  | BELOW)              |                       | (LBS/HR)   |             |             |           |
| PM  |  |                     |                       | <u></u>  |             |             |           |
| PM-10   |  |                     |                       |  |             |             |           |
| SO2   |  |                     |                       |  |             |             |           |
| со  |  |                     |                       |  |             |             |           |
| NOx   |  |                     |                       |  |             |             |           |
| VOC   |  |                     |                       |  |             |             | <u> </u>  |
|   |  |                     |                       | 4.7E-01  |             |             |           |
| LEAD  |  |                     |                       | 4.7E-01  |             |             |           |
| LEAD<br>2,2,4-TMP   | 540841   |                     |                       | 4.7E-01<br>1.58E-03  |             |             |           |
|   | 540841<br>71-43-2  |                     |                       |  |             |             |           |
| 2,2,4-TMP   |  |                     |                       | 1.58E-03   |             |             |           |
| 2,2,4-TMP<br>BENZENE  | 71-43-2  |                     |                       | 1.58E-03<br>1.93E-03   |             |             |           |
| 2,2,4-TMP<br>BENZENE<br>BIPHENYL  | 71-43-2<br>92-52-4   |                     |                       | 1.58E-03<br>1.93E-03<br>0.00E+00   |             |             |           |
| 2,2,4-TMP BENZENE BIPHENYL CRESOLS  | 71-43-2<br>92-52-4<br>1319-77-3  |                     |                       | 1.58E-03<br>1.93E-03<br>0.00E+00<br>0.00E+00   |             |             |           |
| 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE   | 71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8   |                     |                       | 1.58E-03<br>1.93E-03<br>0.00E+00<br>0.00E+00<br>2.28E-05   |             |             |           |
| 2.2.4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE  | 71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4   |                     |                       | 1.58E-03<br>1.93E-03<br>0.00E+00<br>0.00E+00<br>2.28E-05<br>2.03E-04   |             |             |           |
| 2.2.4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                                 | 71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3   |                     |                       | 1.58E-03<br>1.93E-03<br>0.00E+00<br>0.00E+00<br>2.28E-05<br>2.03E-04<br>3.22E-03                                     |             |             |           |
| 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                            | 71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4                                    |                     |                       | 1.58E-03<br>1.93E-03<br>0.00E+00<br>0.00E+00<br>2.28E-05<br>2.03E-04<br>3.22E-03<br>0.00E+00                         |             |             |           |
| 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE                | 71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3                         |                     |                       | 1.58E-03<br>1.93E-03<br>0.00E+00<br>0.00E+00<br>2.28E-05<br>2.03E-04<br>3.22E-03<br>0.00E+00<br>2.91E-05<br>0.00E+00 |             |             |           |
| 2.2.4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL STYRENE | 71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2<br>100-42-5 |                     |                       | 1.58E-03 1.93E-03 0.00E+00 0.00E+00 2.28E-05 2.03E-04 3.22E-03 0.00E+00 2.91E-05 0.00E+00                            |             |             |           |
| 2,2,4-TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL         | 71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2             |                     |                       | 1.58E-03<br>1.93E-03<br>0.00E+00<br>0.00E+00<br>2.28E-05<br>2.03E-04<br>3.22E-03<br>0.00E+00<br>2.91E-05<br>0.00E+00 |             |             |           |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

<sup>\*</sup> SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

#### SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS DEQ USE ONLY DEQ STACK ID CODE DEQ PROCESS CODE DEQ PLANT ID CODE SECONDARY SCC PRIMARY SCC DEQ BUILDING ID CODE DEO SEGMENT CODE PART A: GENERAL INFORMATION Storage of petroleum products PROCESS CODE OR DESCRIPTION N/A STACK DESCRIPTION Tank 6 (NWTC) BUILDING DESCRIPTION 1949 DATE INSTALLED OR LAST MODIFIED GENERAL TANK AND MATERIAL HANDLING DATA Dieset MATERIAL DESCRIPTION 32,891,502 455,280 ANNUAL THROUGHPUT (GALLONS) TANK CAPACITY (GALLONS) 01 SOURCE TANK TYPE 01 PLEASE CHOOSE FROM BELOW (01) PIPELINE; PLEASE CHOOSE FROM BELOV (01) FIXED ROOF; (02) RAIL CAR; (03) TANK TRUCK; (02) FLOATING ROOF (OR INTERNAL COVER); (03) VARIABLE VAPOR SPACE; (04) SHIP BARGE (04) PRESSURE TANK; (05) OTHER (05) UNDERGROUND - SPLASH LOADING (06) OTHER ADDITIONAL VAPOR PHASE DEGREASING DATA TANK SURFACE AREA (SQ. FT) MANUFACTURER OF DEGREASING AGENT METHOD OF VAPOR RECOVERY TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F) Please choose from below (01) Incineration; (02) Refrigerated Liquid Scrubber, (03) Refrigerated Condenser, (04) Carbon Adsorption; (05) Vapor Return System (06) No Recovery System: (07) Other ADDITIONAL MATERIAL HANDLING DATA NUMBER OF IN-LINE NUMBER OF COMPRESSOR NUMBER OF PHYSICAL STATE VALVES SEALS PUMP SEALS (SEE NOTE BELOW) NUMBER OF SAMPLING NUMBER OF OPEN-ENDED NUMBER OF NUMBER OF SAFETY CONNECTIONS LINES FLANGES RELIEF VALVES MATERIAL DATA HAP CAS HAP FRACTION IN HAP DESCRIPTION MATERIAL BY WEIGHT NUMBER 0.00E+00 540-84-1 2,2,4 TMP ND 71-43-2 Benzene 7.10E-04 92-52-4 Biphenyl 2.40E-04

1319-77-3 Cresois 2.90E-04 98-82-8 Cumene 2.90E-04 100-41-4 Ethylbenzene 0.00E+00 110-54-3 Hexane 2.40E-02 1634-04-4 MTBE 1.70E-03 91-20-3 Napthalene 2.60E-03 108-95-2 Phenol 0.00E+00 100-42-5 Styrene 5.00E-04 108-88-3 Toluene 1.22E-03 1330-20-7 Xylenes

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

| SECTION 5, PART   |  | (Tank 6 - NWTC)     |  |   |                       |                        |           |
|---|--|---------------------|--|---|-----------------------|------------------------|-----------|
| DEDCENT CHELCO  | OPERATING DATA ONSUMPTION PER QUARTER  | •                   | OPERATING SCHEDULE                           |   |                       |                        |           |
|   | 25   |                     | 1  | 24  |                       |                        |           |
| DEC-FEB   |  |                     | HOURS/DAY                                    |   |                       |                        |           |
| MAR-MAY   | 25   |                     | DAYS/WEEK                                    | 7   |                       |                        |           |
| DUA-MUL   | 25   |                     | WEEKS/YEAR                                   | 52  |                       |                        |           |
| SEP-NOV   | 25   |                     |  |   |                       |                        |           |
|   | POLLUTION CONTROL EQUIPMEN   | т                   |  |   |                       |                        |           |
| PARAMETER   | ,  | PRIMARY             |  | SECONDARY   |                       |                        |           |
| TYPE  |  | N/A                 |  |   |                       |                        |           |
| TYPE CODE (FROM   | A APP. A)  | •                   |  |   | ] .                   |                        |           |
| MANUFACTURER  |  |                     |  |   |                       |                        |           |
| MODEL NUMBER  |  |                     |  |   |                       |                        |           |
| PRESSURE DROP   | (IN. OF WATER)   |                     |  |   | 1                     |                        |           |
| WET SCRUBBER F  | LOW (GPM)  |                     |  |   | i                     |                        |           |
| BAGHOUSE AIR/CL   |  |                     |  |   | ĺ                     |                        |           |
| Brancock Ande   | Source (i r in)  |                     |  | l   |                       |                        |           |
|   | VENTILATION AND BUILDING/AREA  | DATA                | STACK DATA                                   |   |                       |                        |           |
| ENCLOSED? (Y/N)   |  | N/A                 | GROUND ELEVATION (FT)                        |   |                       | N/A                    |           |
| HOOD TYPE (FROM   | A APP. B)  |                     | UTM X COORDINATE (KM)                        |   |                       |                        |           |
| MINIMUM FLOW (AC  | CFM)   |                     | UTM Y COORDINATE (KM)                        |   |                       |                        |           |
| PERCENT CAPTUR  | E EFFICIENCY   |                     | STACK TYPE (SEE NOTE BELO)                   | w)  |                       |                        |           |
| BUILDING HEIGHT (   | (FT)   |                     | STACK EXIT HEIGHT FROM GRO                   | OUND LEVEL (FT)   |                       |                        |           |
| BUILDING LENGTH   | •  |                     | STACK EXIT DIAMETER (FT)                     | • •   |                       |                        |           |
|   |  |                     | STACK EXIT GAS FLOWRATE (A                   | ACEM)   |                       |                        |           |
| BUILDING WINTH (F   |  |                     |  |   |                       |                        |           |
| BUILDING WIDTH (F   | -π)<br>·   | L                   |  |   |                       |                        |           |
| BUILDING WIDTH (F   | -T)<br>·   |                     | STACK EXIT TEMPERATURE (DI                   |   |                       |                        |           |
| BUILDING WIDTH (F   | AIR POLLUTANT EMISSIONS  |                     |  |   |                       |                        |           |
| BUILDING WIDTH (F   |  | EMISSION*           | STACK EXIT TEMPERATURE (DI                   | ESTIMATED OR  | ALLOWABLE             | EMISSIONS              |           |
|   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI                   | ESTMATED OR<br>MEASURED<br>EMISSIONS  | ALLOWABLE<br>(LBSAHR) | EMISSIONS<br>(TONS/YR) | REFERENCE |
| POLLUTANT   | AIR POLLUTANT EMISSIONS  | FACTOR              | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | EG. F) ESTIMATED OR MEASURED  |                       |                        | REFERENCE |
| POLLUTANT   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| POLLUTANT PM -PM-10   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| POLLUTANT   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| POLLUTANT PM -PM-10   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM PM-10  | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM-PM-10 SO2 CO   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO  NOX  | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD   | AIR POLLUTANT EMISSIONS CAS NUMBER   | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBSHR)  4.9E-02  |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP   | AR POLLUTANT EMISSIONS CAS NUMBER  540-84-1  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.9E-02   |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE   | AR POLLUTANT EMISSIONS CAS NUMBER  540-84-1 71-43-2  | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.9E-02  7.9E-04  0.0E+00   |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | AIR POLLUTANT EMISSIONS  CAS NUMBER  540-84-1  71-43-2  92-52-4                              | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.9E-02  7.9E-04  0.0E+00  3.8E-06  |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE   | AIR POLLUTANT EMISSIONS  CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8          | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBSAHR)  4.9E-02  7.9E-04  0.0E+00  3.8E-06  7.1E-06   |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                                  | AR POLLUTANT EMISSIONS  CAS NUMBER  540-84-1  71-43-2  92-52-4  1319-77-3  98-82-8  100-41-4 | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.9E-02  7.9E-04  0.0E+00  3.8E-06  7.1E-06  1.3E-04  |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                         | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3                                 | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.9E-02  7.9E-04  0.0E+00  3.8E-06  7.1E-06  1.3E-04  3.4E-04                                     |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                    | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4                       | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.9E-02  7.9E-04  0.0E+00  3.8E-06  1.3E-04  3.4E-04  3.4E-03  0.0E+00                            |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3               | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.9E-02  7.9E-04  0.0E+00  3.8E-06  7.1E-06  1.3E-04  3.4E-03  0.0E+00  4.5E-05                   |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2      | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.9E-02  7.9E-04  0.0E+00  3.8E-06  7.1E-06  1.3E-04  3.4E-04  3.4E-03  0.0E+00  4.5E-05  7.5E-05 |                       |                        | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE        | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3               | FACTOR<br>(SEE NOTE | STACK EXIT TEMPERATURE (DI PERCENT E CONTROL | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  4.9E-02  7.9E-04  0.0E+00  3.8E-06  7.1E-06  1.3E-04  3.4E-03  0.0E+00  4.5E-05                   |                       |                        | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBSUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

1330-20-7

XYLENES

1.2E-03

## SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS DEQ USE ONLY DEQ PLANT ID CODE DEQ PROCESS CODE DEO STACK ID CODE PRIMARY SCC SECONDARY SCC DEG BUILDING ID CODE DEQ SEGMENT CODE PART A: GENERAL INFORMATION Storage of petroleum products PROCESS CODE OR DESCRIPTION N/A STACK DESCRIPTION Tank 7 (NWTC) BUILDING DESCRIPTION DATE INSTALLED OR 1949 LAST MODIFIED GENERAL TANK AND MATERIAL HANDLING DATA Diesel MATERIAL DESCRIPTION TANK CAPACITY (GALLONS) 723,660 ANNUAL THROUGHPUT (GALLONS) 735,000 01 SOURCE TANK TYPE PLEASE CHOOSE FROM BELOW (01) PIPELINE; (02) RAIL CAR; (03) TANK TRUCK; PLEASE CHOOSE FROM BELOW (01) FIXED ROOF; (02) FLOATING ROOF (OR INTERNAL COVER); (03) VARIABLE VAPOR SPACE; (04) PRESSURE TANK; (04) SHIP BARGE (05) OTHER (05) UNDERGROUND - SPLASH LOADING (06) OTHER ADDITIONAL VAPOR PHASE DEGREASING DATA MANUFACTURER OF DEGREASING AGENT TANK SURFACE AREA (SQ. FT) METHOD OF VAPOR RECOVERY TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F) Please choose from below (01) Incineration; (02) Refrigerated Liquid Scrubber, (03) Refrigerated Condenser; (04) Carbon Adsorption; (05) Vapor Return System; (06) No Recovery System; (07) Other ADDITIONAL MATERIAL HANDLING DATA PHYSICAL STATE NUMBER OF NUMBER OF COMPRESSOR NUMBER OF IN-LINE (SEE NOTE BELOW) PUMP SEALS SEALS VALVES LING

| NUMBER OF SAFETY |        | NUMBER OF |    | NUMBER OF OPEN    | -ENDED | NUMBER OF SAMPLI                   |
|------------------|--------|-----------|----|-------------------|--------|------------------------------------|
| RELIEF VALVES    | **     | FLANGES   | ** | LINES             | **     | CONNECTIONS                        |
| MATERIA          | L DATA |           |    |                   |        |                                    |
| HAP DESCRIPTION  |        |           |    | HAP CAS<br>NUMBER |        | HAP FRACTION IN MATERIAL BY WEIGHT |
| 2,2,4 TMP        |        |           |    | 540-84-1          | ]      | 0.00E+00                           |
| Benzene          |        |           |    | 71-43-2           |        | ND                                 |
| Biphenyl         |        |           |    | 92-52-4           |        | 7.10E-04                           |
| Cresols          |        |           |    | 1319-77-3         |        | 2.40E-04                           |
| Cumene           |        |           | •  | 98-82-8           |        | 2.90E-04                           |
| Ethylbenzene     |        |           |    | 100-41-4          |        | 2.90E-04                           |
| Hexane           |        |           | •  | 110-54-3          |        | 0.00E+00                           |
| MTBE             |        |           |    | 1634-04-4         |        | 2,40E-02                           |
| Napthalene       |        |           |    | 91-20-3           |        | 1.70E-03                           |
| Phenol           |        |           |    | 108-95-2          |        | 2,60E-03                           |
| Styrene          |        |           |    | 100-42-5          |        | 0.00E+00                           |
| Toluene          |        |           |    | 108-88-3          |        | 5.00E-04                           |
| Xylenes          |        |           |    | 1330-20-7         |        | 1.22E-03                           |
|                  |        |           |    |                   |        |                                    |

<sup>\*\*</sup> Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

| SECTION 5, PART B  |  | (Tank 7 - NWTC)     |  |  |                       |                        |           |
|--|--|---------------------|--|--|-----------------------|------------------------|-----------|
|  | PERATING DATA  |                     |  |  |                       |                        |           |
| PERCENT FUEL CONSU   | <del></del>  |                     | OPERATING SCHEDULE                     |  |                       |                        |           |
| DEC-FEB  | 25   |                     | HOURS/DAY                              | 24   |                       |                        |           |
| MAR-MAY  | 25   |                     | DAYSWEEK                               | 7  |                       |                        |           |
| JUN-AUG  | 25   |                     | WEEKS/YEAR                             | 52   |                       |                        |           |
| SEP-NOV  | 25   |                     |  |  |                       |                        |           |
| PC   | LLUTION CONTROL EQUIPMENT  | Ī                   |  |  |                       |                        |           |
| PARAMETER  |  | PRIMARY             |  | SECONDAR   | Y                     |                        | 1         |
| TYPE   |  | N/A                 |  | <u> </u>   |                       |                        |           |
| TYPE CODE (FROM APP.   | A)   |                     |  | <u> </u>   |                       |                        | 1         |
| MANUFACTURER   |  |                     |  |  |                       |                        |           |
| MODEL NUMBER   |  |                     |  |  |                       |                        |           |
| PRESSURE DROP (IN. OF  | WATER)   |                     |  |  | ╛                     |                        |           |
| WET SCRUBBER FLOW (  | GPM)   |                     |  |  | _                     |                        |           |
| BAGHOUSE AIR/CLOTH R   | ATIO (FPM)   |                     |  |  |                       |                        |           |
| . VE   | NTILATION AND BUILDING/AREA  | DATA                | STACK DATA                             |  |                       |                        |           |
| ENCLOSED? (Y/N)  |  | N/A                 | GROUND ELEVATION (FT)                  | •  |                       | N/A                    |           |
| HOOD TYPE (FROM APP.   | В)   |                     | UTM X COORDINATE (KM)                  |  |                       |                        |           |
| MINIMUM FLOW (ACFM)  |  |                     | UTM Y COORDINATE (KM)                  |  |                       |                        |           |
| PERCENT CAPTURE EFFI   | CIENCY   |                     | STACK TYPE (SEE NOTE BEL               | OWI  |                       |                        |           |
| BUILDING HEIGHT (FT)   |  |                     | STACK EXIT HEIGHT FROM G               |  |                       |                        |           |
| BUILDING LENGTH (FT)   |  |                     | STACK EXIT DIAMETER (FT)               | STOOMS LEVEL (FT)  |                       |                        |           |
| BUILDING WIDTH (FT)  |  |                     | STACK EXIT GAS FLOWRATE                | - (ACENA)  |                       |                        |           |
|  |  | <del></del>         |  | ( ( or in)   |                       |                        |           |
|  |  |                     | STACK EXIT TEMPERATURE                 | (DEG E)  |                       | 1 3                    |           |
|  |  |                     | STACK EXIT TEMPERATURE                 | (DEG. F)   |                       |                        |           |
|  | POLLUTANT EMISSIONS  |                     |  |  |                       |                        |           |
| <u>AIR</u><br>POLLUTANT  | POLLUTANT EMISSIONS<br>CAS NUMBER  | EMISSION*<br>FACTOR | STACK EXIT TEMPERATURE PERCENT CONTROL | (DEG. F)  ESTIMATED OR  MEASURED   | ALLOWABLE             | EMISSIONS              |           |
|  |  |                     | PERCENT                                | ESTIMATED OR<br>MEASURED<br>EMISSIONS  | ALLOWABLE<br>(LBS/HR) | EMISSIONS<br>(TONS/YR) | REFERENCE |
|  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR<br>MEASURED   |                       |                        | REFERENCE |
| POLLUTANT  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| POLLUTANT  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM PM-10   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM PM-10 SO2   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM PM-10 SO2   |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS:HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR<br>MEASURED<br>EMISSIONS  |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX  |  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD   | CAS NUMBER  540-84-1   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS:HR)  7.9E-02  |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOx VOC LEAD 2,2,4 TMP   | CAS NUMBER   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBSMR)  7.9E-02  1.3E-03  0.0E+00   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | CAS NUMBER  540-84-1  71-43-2  92-52-4   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  7.9E-02  1.3E-03  0.0E+00  6.1E-06   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3  | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE  | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  - 7.9E-02  - 1.3E-03  - 0.0E+00  - 6.1E-06  - 1.1E-05  - 2.1E-04  - 5.5E-04              |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                                 | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3                                     | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE                            | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4                        | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE                | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3             | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL         | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2 | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  7.9E-02  1.3E-03  0.0E+00  6.1E-06  1.1E-05  2.1E-04  5.5E-03  0.0E+00  7.3E-05  1.2E-04 |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL STYRENE | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 108-95-2 100-42-5                   | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                       |                        | REFERENCE |
| PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE PHENOL         | 540-84-1<br>71-43-2<br>92-52-4<br>1319-77-3<br>98-82-8<br>100-41-4<br>110-54-3<br>1634-04-4<br>91-20-3<br>108-95-2 | FACTOR<br>(SEE NOTE | PERCENT<br>CONTROL                     | ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  7.9E-02  1.3E-03  0.0E+00  6.1E-06  1.1E-05  2.1E-04  5.5E-03  0.0E+00  7.3E-05  1.2E-04 |                       |                        | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LIBRAINIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| SECTION 5: STORAGE AND HAN                                 | DEING OF LIQUID SOLVE | NIS & OTHER VOENTEE    | Journ 30/1-2                     |                         |   |                          |          |
|--|-----------------------|------------------------|----------------------------------|-------------------------|---|--------------------------|----------|
| DEQ USE ONLY   |                       |                        |                                  |                         |   |                          | <br>I    |
| DEQ PLANT ID CODE  |                       | DEQ PROCESS CODE       |                                  |                         | DEQ STACK ID CODE                                   |                          | j<br>1   |
| DEQ BUILDING ID CODE                                       |                       | PRIMARY SCC            |                                  |                         | SECONDARY SCC                                       |                          | l        |
| DEQ SEGMENT CODE   |                       |                        |                                  |                         |   |                          |          |
| PART A: GENERAL INFORM                                     | MATION                |                        |                                  |                         |   |                          |          |
| PROCESS CODE OR DESCRIPTION                                | ON                    | Storage of petroleum p | vroducts                         |                         |   |                          | ]        |
| STACK DESCRIPTION  |                       | N/A                    |                                  |                         |   |                          | ]        |
| BUILDING DESCRIPTION                                       |                       | Tank 8 (NWTC)          |                                  |                         |   |                          | ]        |
|  | 1949                  |                        |                                  |                         |   |                          |          |
| DATE INSTALLED OR LAST MODIFIED                            | 1040                  |                        |                                  |                         |   |                          |          |
| GENERAL TANK   | AND MATERIAL HANDLIN  | IG DATA                | _                                |                         |   |                          |          |
| MATERIAL DESCRIPTION G                                     | asoline               |                        | J                                |                         | •   |                          |          |
| TANK CAPACITY (GALLONS)                                    | 336,000               | ANNUAL THROUGHPUT (G   | (ALLONS)                         | 26,002,536              | ]   |                          |          |
| TANK TYPE  | 02                    |                        | SOURCE<br>PLEASE CHOOS           | 61<br>F FROM BELOW      | J   |                          |          |
| PLEASE CHOOSE FROM BELOW<br>(01) FIXED ROOF;               | DULL 00/250           |                        | (01) PIPELINE;<br>(02) RAIL CAR; |                         |   |                          |          |
| (02) FLOATING ROOF (OR INTER<br>(03) VARIABLE VAPOR SPACE; | RNAL COVER);          |                        | (03) TANK TRUK<br>(04) SHIP BARG |                         |   | •                        |          |
| (04) PRESSURE TANK;<br>(05) UNDERGROUND - SPLASH           | LOADING               |                        | (05) OTHER                       |                         |   |                          | ]        |
| (06) OTHER   |                       |                        |                                  |                         |   |                          |          |
| ADDITIONAL VAP   | OR PHASE DEGREASING   | G DATA                 |                                  |                         |   |                          |          |
| MANUFACTURER OF DEGREASI                                   | NG AGENT              |                        |                                  |                         | TANK SURFACE AREA (S                                | SQ. FT)                  |          |
| TEMPERATURE OF DEGREASING                                  | G AGENT IN TANK (DEG. | F)                     |                                  |                         | METHOD OF VAPOR REP                                 |                          |          |
|  |                       |                        |                                  |                         | (01) Incineration;<br>(02) Refrigerated Liquid S    |                          |          |
|  |                       |                        |                                  |                         | (03) Refrigerated Conder<br>(04) Carbon Adsorption; |                          |          |
|  |                       |                        |                                  |                         | (05) Vapor Return System<br>(06) No Recovery System |                          |          |
|  |                       |                        |                                  |                         | (07) Other  |                          |          |
| ADDITIONAL MA  | TERIAL HANDLING DATA  |                        |                                  |                         |   |                          |          |
| PHYSICAL STATE   |                       | NUMBER OF              |                                  | NUMBER OF COMP          | RESSOR  | NUMBER OF IN-LIN         |          |
| (SEE NOTE BELOW)   |                       | PUMP SEALS             | **                               | SEALS<br>NUMBER OF OPEN | ENDED.  | VALVES<br>NUMBER OF SAMP | **       |
| NUMBER OF SAFETY RELIEF VALVES                             | <del></del> 7         | NUMBER OF<br>FLANGES   | **                               | LINES                   | ••  | CONNECTIONS              | ••       |
| REBEI VALVES   |                       |                        |                                  |                         |   |                          |          |
| MATERIAL DATA  HAP DESCRIPTION                             |                       |                        |                                  | HAP CAS                 |   | HAP FRACTION IN          |          |
| HAP DESCRIPTION  |                       |                        |                                  | NUMBER                  | 1   | MATERIAL BY WEIGI        | •        |
| 2,2,4 TMP  |                       |                        |                                  | 540-84-1                | ,<br>1  | 0.00E+00                 | 1        |
| Benzene  |                       |                        |                                  | 71-43-2                 | •   | 1.29E-02                 | -<br>1   |
| Biphenyl   |                       |                        |                                  | 92-52-4                 | ,<br>1  | 0.00E+00                 | •        |
| Cresols  |                       |                        |                                  | 1319-77-3               | <u>}</u>  | 1.50E-03                 | -<br>1   |
| Cumene   |                       |                        |                                  | 98-82-8                 |   | 9.26E-03                 | -<br>1   |
| Ethylbenzene   |                       |                        |                                  | 100-41-4                |   | 1.34E-02                 | -<br>1   |
| Hexane   |                       |                        |                                  | 110-54-3                |   | 7.80E-04                 | <u> </u> |
| MTBE   |                       |                        |                                  | 1634-04-4               |   | 0.00E+00                 | ]        |
| Napthalene   |                       |                        |                                  | 91-20-3                 |   | 1.97E-02                 | ]        |
| Phenol   |                       |                        |                                  | 108-95-2                |   | 5.25E-02                 | ]        |
| Styrene  |                       |                        |                                  | 100-42-5                |   | 4.91E-02                 |          |
| Toluene  |                       |                        |                                  | 108-88-3                |   | 0.00E+00                 | ]        |
| Xylenes  |                       |                        |                                  | 1330-20-7               | ļ   | 0.00E+00                 |          |
|  |                       |                        |                                  |                         |   |                          |          |

Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

Tier I Permit Application Renewal - Boise Terminal

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| SECTION 5, PART   | гв                      | (Tank 8 - NWTC)     |                    |                          | •         |              |           |
|-------------------|-------------------------|---------------------|--------------------|--------------------------|-----------|--------------|-----------|
| BEDOENT EVEL (    | OPERATING DATA          |                     |                    |                          |           |              |           |
|                   | ONSUMPTION PER QUARTER  |                     | OPERATING SCHED    | DULE                     |           |              |           |
| DEC-FEB           | 25                      |                     | HOURS/DAY          | 24                       |           |              |           |
| MAR-MAY           | 25                      |                     | DAYS/WEEK          | 7                        |           |              | •         |
| JUN-AUG           | 25                      |                     | WEEKS/YEAR         | 52                       |           |              |           |
| SEP-NOV           | 25                      |                     |                    |                          |           |              |           |
|                   | POLLUTION CONTROL EQ    | JPMENT              |                    |                          |           |              |           |
| PARAMETER         |                         | PRIMARY             |                    | SECC                     | NDARY     |              |           |
| TYPE              |                         | N/A                 |                    |                          |           |              | ]         |
| TYPE CODE (FRO    | M APP. A)               |                     |                    | <u></u>                  |           |              |           |
| MANUFACTURER      |                         |                     |                    |                          |           |              | ]         |
| MODEL NUMBER      |                         |                     |                    |                          |           |              | ]         |
| PRESSURE DROP     | (IN. OF WATER)          |                     |                    |                          |           |              |           |
| WET SCRUBBER F    | LOW (GPM)               |                     |                    |                          |           |              |           |
| BAGHOUSE AIR/CL   | OTH RATIO (FPM)         |                     |                    |                          |           |              |           |
|                   | VENTILATION AND BUILDIN | G/ARFA DATA         | CTAO               | UC DATA                  |           |              |           |
| ENCLOSED? (Y/N)   |                         | N/A                 |                    | K DATA                   |           |              | 1         |
| HOOD TYPE (FROM   | A APP. B)               |                     | GROUND ELEVATION   | •                        |           | N/A          |           |
| MINIMUM FLOW (A   | ·                       |                     | UTM X COORDINATE   | •                        |           |              |           |
| PERCENT CAPTUR    | •                       |                     | UTM Y COORDINATE   | •                        |           |              |           |
| BUILDING HEIGHT   |                         |                     | STACK TYPE (SEE NO |                          |           |              |           |
| BUILDING LENGTH   |                         |                     |                    | FROM GROUND LEVEL (FT)   |           |              |           |
| BUILDING WIDTH (F |                         |                     | STACK EXIT DIAMETE |                          |           |              |           |
|                   | •                       |                     | STACK EXIT GAS FLO |                          |           |              |           |
|                   |                         |                     | STACK EXIT TEMPERA | ATURE (DEG. P)           |           | L            |           |
|                   | AIR POLLUTANT EMISSIONS |                     |                    |                          |           |              |           |
| POLLUTANT         | CAS NUMBER              | EMISSION*<br>FACTOR | PERCENT<br>CONTROL | ESTIMATED OR<br>MEASURED | ALLOWABLE | EMISSIONS    |           |
|                   |                         | (SEE NOTE<br>BELOW) | EFFICIENCY         | EMISSIONS<br>(LBS/HR)    | (LBS/HR)  | (TONS/YR)    | REFERENCE |
| P <b>M</b>        |                         |                     |                    | (EBS/IIK)                |           |              |           |
| PM-10             |                         |                     |                    |                          |           |              |           |
| SO2               |                         |                     |                    |                          |           |              |           |
| со                |                         |                     |                    |                          |           |              |           |
| NOx               |                         |                     |                    |                          |           |              |           |
| voc               |                         |                     |                    | 4.7E-01                  |           |              | $\vdash$  |
| LEAD              |                         |                     |                    |                          |           |              |           |
| 2,2,4 TMP         | 540-84-1                |                     |                    | 1.6E-03                  |           |              |           |
| BENZENE           | 71-43-2                 |                     |                    | 1.9E-03                  |           |              |           |
| BIPHENYL          | 92-52-4                 |                     |                    | 0.0E+00                  |           |              |           |
| CRESOLS           | 1319-77-3               |                     |                    | 0.0E+00                  |           |              |           |
| CUMENE            | 98-82-8                 |                     |                    | 2.9E-05                  |           |              |           |
| ETHYLBENZENE      | 100-41-4                |                     |                    | 2.4E-04                  |           |              |           |
| N-HEXANE          | 110-54-3                |                     |                    | 3.2E-03                  |           |              |           |
| MTBE              | 1634-04-4               |                     |                    | 0.0E+00                  |           |              |           |
| NAPHTHALENE       | 91-20-3                 |                     |                    | 4.2E-05                  |           |              |           |
| PHENOL            | 108-95-2                |                     |                    | 0.0E+00                  | <u> </u>  |              |           |
| STYRENE           | 100-42-5                |                     |                    | 1.7E-05                  | <u> </u>  | <del> </del> |           |
| TOLUENE           | 108-88-3                |                     |                    |                          |           |              |           |
|                   |                         |                     |                    | 2.7E-03                  | <u> </u>  |              |           |
| XYLENES           | 1330-20-7               | , ,                 |                    | 1.2E-03                  |           |              |           |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| DEQ USE ONLY  |                         |                                 |                          |   |                                     |    |
|---|-------------------------|---------------------------------|--------------------------|---|-------------------------------------|----|
| DEQ PLANT ID CODE   | DEQ PROCESS CODE        |                                 | DEQ                      | STACK ID CODE                                     |                                     |    |
| DEQ BUILDING ID CODE  | PRIMARY SCC             |                                 | SECO                     | ONDARY SCC  |                                     |    |
| DEQ SEGMENT CODE  |                         |                                 |                          |   |                                     |    |
| DEG GEGINETT GODI   |                         |                                 |                          |   |                                     |    |
| PART A: GENERAL INFORMATION   |                         |                                 |                          |   | _                                   |    |
| PROCESS CODE OR DESCRIPTION   | Storage of petroleum p  | roducts                         |                          |   |                                     |    |
| STACK DESCRIPTION   | N/A                     |                                 |                          |   |                                     |    |
| BUILDING DESCRIPTION  | Tank 12 (NWTC)          |                                 |                          |   |                                     |    |
| DATE INSTALLED OR 1956 LAST MODIFIED                                  |                         |                                 |                          |   | •                                   |    |
| GENERAL TANK AND MATERIAL HAND  | LING DATA               |                                 |                          |   |                                     |    |
| MATERIAL DESCRIPTION Gasoline   |                         | ]                               |                          |   |                                     |    |
| TANK CAPACITY (GALLONS) 588,000                                       | ANNUAL THROUGHPUT (G    | GALLONS)                        | 32,904,438               |   |                                     |    |
| TANK TYPE 02  |                         | SOURCE                          | 01                       |   |                                     |    |
| PLEASE CHOOSE FROM BELOW<br>(01) FIXED ROOF;                          |                         | PLEASE CHOOSI<br>(01) PIPELINE; | E FROM BELOW             |   |                                     |    |
| (02) FLOATING ROOF (OR INTERNAL COVER);<br>(03) VARIABLE VAPOR SPACE; |                         | (02) RAIL CAR;<br>(03) TANK TRU |                          |   |                                     |    |
| (04) PRESSURE TANK;   |                         | (04) SHIP BARG<br>(05) OTHER    | E:                       |   |                                     |    |
| (05) UNDERGROUND - SPLASH LOADING<br>(06) OTHER                       |                         | (obj Ottien                     |                          |   |                                     |    |
|   |                         |                                 |                          |   |                                     |    |
| ADDITIONAL VAPOR PHASE DEGREAS  | ING DATA                |                                 |                          | WOUNDERSE AREA (SO                                | en l                                |    |
| MANUFACTURER OF DEGREASING AGENT                                      |                         |                                 |                          | K SURFACE AREA (SQ.                               |                                     |    |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DE                           | G. F)                   |                                 |                          | 'HOD OF VAPOR RECOV<br>se choose from below       | /ERY                                |    |
|   |                         |                                 |                          | ) Incineration;<br>) Refrigerated Liquid Scru     | bber,                               |    |
|   |                         |                                 |                          | ) Refrigerated Condenser;<br>) Carbon Adsorption; | •                                   |    |
|   |                         |                                 | (05)                     | ) Vapor Return System;<br>) No Recovery System;   |                                     |    |
|   |                         |                                 |                          | ) Other   |                                     |    |
|   |                         |                                 |                          |   |                                     |    |
| ADDITIONAL MATERIAL HANDLING DA                                       | <u>TA</u>               |                                 |                          |   |                                     | -  |
| PHYSICAL STATE  | NUMBER OF               | **                              | NUMBER OF COMPRESS SEALS |   | NUMBER OF IN-LIN<br>VALVES          | ** |
| (SEE NOTE BELOW)  | PUMP SEALS<br>NUMBER OF |                                 | NUMBER OF OPEN-END       |   | NUMBER OF SAMP                      |    |
| RELIEF VALVES **  | FLANGES                 | **                              | LINES                    |   | CONNECTIONS                         | ** |
| MATERIAL DATA   |                         |                                 |                          |   |                                     |    |
| HAP DESCRIPTION   |                         |                                 | HAP CAS<br>NUMBER        | м   | HAP FRACTION IN<br>ATERIAL BY WEIGH | п  |
|   |                         |                                 | 540-84-1                 | 11  | 0.00E+00                            |    |
| 2,2,4 TMP   |                         |                                 | 71-43-2                  |   | 1.29E-02                            | ,  |
| Benzene   |                         |                                 | 92-52-4                  |   | 0.00E+00                            |    |
| Biphenyl  |                         |                                 |                          |   | 1.50E-03                            |    |
| Cresols   |                         |                                 | 1319-77-3                | i<br>1  | 9.26E-03                            |    |
| Cumene  |                         |                                 | 98-82-8                  | [<br>[  |                                     |    |
| Ethylbenzene  |                         |                                 | 100-41-4                 | !   | 1.34E-02                            |    |
| Hexane  |                         |                                 | 110-54-3                 | [   | 7.80E-04                            |    |
| МТВЕ  |                         |                                 | 1634-04-4                | <br> -  | 0.00E+00                            |    |
| Napthalene  |                         |                                 | 91-20-3                  | {   | 1.97E-02                            |    |
| Phenol  |                         |                                 | 108-95-2                 | {   | 5.25E-02                            |    |
| Styrene   |                         |                                 | 100-42-5                 | [   | 4.91E-02                            |    |
|   |                         |                                 | 108-88-3                 | [   | 0.00E+00                            |    |
| Toluene   |                         |                                 | 1330-20-7                | Ī   | 0.00E+00                            |    |
| Xylenes   |                         |                                 |                          | •   |                                     |    |

| SECTION 5, PART    |                                       | (Tank 12 - NWT)     | C)                    |                       |          |             |           |
|--------------------|---------------------------------------|---------------------|-----------------------|-----------------------|----------|-------------|-----------|
| PERCENT FUEL CO    | OPERATING DATA ONSUMPTION PER QUARTER |                     | OPERATING SCHED       | ULE                   |          |             |           |
| DEC-FEB            | 25                                    | 4                   | HOURS/DAY             | 24                    | i        |             |           |
| MAR-MAY            | 25                                    |                     | DAYSWEEK              | 7                     |          |             |           |
| JUN-AUG            | 25                                    |                     | WEEKS/YEAR            | 52                    |          |             |           |
| SEP-NOV            | 25                                    |                     |                       |                       |          |             |           |
|                    |                                       |                     |                       |                       |          |             |           |
| PARAMETER          | POLLUTION CONTROL EQUIP               | PRIMARY             |                       | SECO                  | NDARY    |             |           |
| TYPE               |                                       | N/A                 |                       |                       | MUARI    |             | 7         |
| TYPE CODE (FROM    | APP. A)                               |                     |                       |                       |          |             | -         |
| MANUFACTURER       |                                       |                     |                       |                       |          |             | 7         |
| MODEL NUMBER       |                                       |                     |                       |                       |          |             | Ī         |
| PRESSURE DROP (    | IN. OF WATER)                         |                     |                       |                       | 7        |             | -         |
| WET SCRUBBER FL    | OW (GPM)                              |                     |                       |                       |          |             |           |
| BAGHOUSE AIR/CL    | OTH RATIO (FPM)                       |                     |                       |                       |          |             |           |
|                    | VENTILATION AND BUILDING!             | AREA DATA           | STACE                 | K DATA                |          |             |           |
| ENCLOSED? (Y/N)    |                                       | N/A                 | GROUND ELEVATION      |                       |          | IN/A        | 1         |
| HOOD TYPE (FROM    | APP. B)                               |                     | UTM X COORDINATE      |                       |          | N/A         | )<br>]    |
| MINIMUM FLOW (AC   |                                       |                     | UTM Y COORDINATE      | •                     |          |             | ]<br>]    |
| PERCENT CAPTURE    |                                       |                     | STACK TYPE (SEE NO    | •                     |          |             | j<br>l    |
| BUILDING HEIGHT (F | FT)                                   |                     |                       | ROM GROUND LEVEL (FT) |          | <u> </u>    | J<br>Ì    |
| BUILDING LENGTH (  | FT)                                   |                     | ŞTACK EXIT DIAMETE    |                       |          | <u> </u>    | )<br>}    |
| BUILDING WIDTH (F  | n)                                    |                     | STACK EXIT GAS FLO    |                       |          |             |           |
|                    |                                       |                     | STACK EXIT TEMPERA    |                       |          |             |           |
|                    | AIR BOLL NEANT ENGOLOUS               |                     |                       |                       |          | 1           | 1         |
| POLLUTANT          | AIR POLLUTANT EMISSIONS  CAS NUMBER   | EMISSION*           | PERCENT               | ESTIMATED OR          | ALL OWAR | E EMISSIONS |           |
|                    |                                       | FACTOR<br>(SEE NOTE | CONTROL<br>EFFICIENCY | MEASURED<br>EMISSIONS |          |             |           |
|                    |                                       | BELOW)              |                       | (LBS/HR)              | (LBS/HR) | (TONS/YR)   | REFERENCE |
| PM                 |                                       |                     | ·                     |                       |          |             |           |
| PM-10              |                                       |                     |                       |                       |          |             |           |
| SO2                |                                       |                     |                       |                       |          |             |           |
| со                 |                                       |                     | <u> </u>              |                       |          |             |           |
| NOx                |                                       |                     |                       |                       |          |             |           |
| voc                |                                       |                     |                       | 3.2E+00               |          |             |           |
| LEAD               |                                       |                     |                       |                       |          |             |           |
| 2,2,4 TMP          | 540-84-1                              |                     |                       | 9.8E-03               |          |             |           |
| BENZENE            | 71-43-2                               |                     |                       | 1.3E-02               |          |             |           |
| Biphenyl           | 92-52-4<br>1319-77-3                  |                     |                       | 0.0E+00               |          |             |           |
| CRESOLS            |                                       |                     |                       | 0.0E+00               |          |             |           |
| ETHYLBENZENE       | 98-82-8                               |                     |                       | 8.2E-05               |          |             |           |
| N-HEXANE           | 100-41-4<br>110-54-3                  |                     |                       | 9.4E-04               |          |             |           |
| MTBE               | 110-54-3<br>1634-04-4                 |                     |                       | 2.1E-02               |          |             |           |
| NAPHTHALENE        |                                       |                     |                       | 0.0E+00               |          |             |           |
| PHENOL             | 91-20-3<br>108-95-2                   |                     |                       | 5.1E-05               |          |             |           |
| STYRENE            | 108-95-2                              |                     |                       | 0.0E+00               |          |             |           |
| TOLUENE            | 108-88-3                              |                     |                       | 5.6E-05               |          |             |           |
| XYLENES            | 1330-20-7                             |                     |                       | 1.5E-02               |          |             |           |
|                    | 1000-20-1                             | 1 I                 | 1 1                   | 4.2E-03               |          | B 1         |           |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVI                       | ENTS & OTHER VOLATILE C | OMPOUNDS                         |                         |   |                                      |            |
|---|-------------------------|----------------------------------|-------------------------|---|--------------------------------------|------------|
| DEQ USE ONLY  |                         |                                  |                         |   |                                      |            |
| DEQ PLANT ID CODE   | DEQ PROCESS CODE        |                                  | ι                       | DEQ STACK ID CODE                                     |                                      |            |
| DEQ BUILDING ID CODE  | PRIMARY SCC             |                                  | \$                      | SECONDARY SCC   |                                      |            |
| <del></del>   |                         |                                  |                         |   |                                      |            |
| DEQ SEGMENT CODE  |                         | <u> </u>                         |                         |   |                                      |            |
| PART A: GENERAL INFORMATION   |                         |                                  |                         |   |                                      |            |
| PROCESS CODE OR DESCRIPTION   | Storage of petroleum p  | roducts                          |                         |   |                                      |            |
| STACK DESCRIPTION   | N/A                     |                                  |                         |   |                                      |            |
| BUILDING DESCRIPTION  | Tank 13 (NWTC)          |                                  |                         |   |                                      |            |
| DATE INSTALLED OR 1958 LAST MODIFIED                                  |                         |                                  |                         |   |                                      |            |
| GENERAL TANK AND MATERIAL HANDLI                                      | NG DATA                 | _                                |                         |   |                                      |            |
| MATERIAL DESCRIPTION Gasoline   |                         | ]                                |                         |   |                                      |            |
| TANK CAPACITY (GALLONS) 588,000                                       | ANNUAL THROUGHPUT (G    | ALLONS)                          | 34,290,438              |   |                                      |            |
| TANK TYPE 02  |                         | SOURCE<br>PLEASE CHOOSI          | 01                      |   |                                      | •          |
| PLEASE CHOOSE FROM BELOW<br>(01) FIXED ROOF;                          |                         | (01) PIPELINE;<br>(02) RAIL CAR; |                         |   |                                      |            |
| (02) FLOATING ROOF (OR INTERNAL COVER);<br>(03) VARIABLE VAPOR SPACE; |                         | (03) TANK TRUC<br>(04) SHIP BARG |                         |   |                                      | _          |
| (04) PRESSURE TANK;<br>(05) UNDERGROUND - SPLASH LOADING              |                         | (05) OTHER                       |                         |   |                                      |            |
| (06) OTHER  |                         |                                  |                         |   |                                      |            |
| ADDITIONAL VAPOR PHASE DEGREASIN                                      | G DATA                  |                                  |                         |   |                                      |            |
| MANUFACTURER OF DEGREASING AGENT                                      |                         |                                  |                         | TANK SURFACE AREA (SO                                 | Q. FT)                               | <u></u>    |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DEG                          | . F)                    |                                  |                         | METHOD OF VAPOR RECO<br>Please choose from below      | OVERY                                |            |
|   |                         |                                  |                         | (01) Incineration;<br>(02) Refrigerated Liquid Sc     | mibher                               |            |
|   |                         |                                  |                         | (03) Refrigerated Condens<br>(04) Carbon Adsorption;  |                                      |            |
| ·   |                         |                                  | •                       | (05) Vapor Return System;<br>(06) No Recovery System; |                                      |            |
|   |                         |                                  |                         | (07) Other  |                                      |            |
|   |                         |                                  |                         |   |                                      |            |
| ADDITIONAL MATERIAL HANDLING DAT                                      |                         |                                  | *** * IDEO OF COLUM     | IDECCOR   | NUMBER OF IN-LIN                     | ŧΕ         |
| PHYSICAL STATE  | NUMBER OF<br>PUMP SEALS | ••                               | NUMBER OF COMP<br>SEALS | **  | VALVES                               | **         |
| (SEE NOTE BELOW) L L L L L L L L L L L L L L L L L L L                | NUMBER OF               |                                  | NUMBER OF OPEN          | ENDED   | NUMBER OF SAME<br>CONNECTIONS        | LING<br>** |
| RELIEF VALVES   | FLANGES                 | **                               | LINES                   |   | COMMEDITIONS                         | L          |
| MATERIAL DATA   |                         |                                  |                         |   |                                      |            |
| HAP DESCRIPTION   |                         |                                  | HAP CAS<br>NUMBER       |   | HAP FRACTION IN<br>MATERIAL BY WEIGH |            |
|   |                         |                                  | 540-84-1                | ]   | 0.00E+00                             | ]          |
| 2,2,4 TMP   |                         |                                  | 71-43-2                 | <u>'</u>  | 1.29E-02                             |            |
| Benzene   |                         |                                  | 92-52-4                 | 1   | 0.00E+00                             | -<br>-     |
| Biphenyl  |                         |                                  |                         | ,<br>]  | 1.50E-03                             | -<br>-     |
| Cresols   |                         |                                  | 1319-77-3               | ;<br>]  | 9.26E-03                             | -<br>-     |
| Cumene  |                         |                                  | 98-82-8                 | ]<br>1  |                                      | _          |
| Ethylbenzene  |                         |                                  | 100-41-4                | j<br>n  | 1.34E-02                             | -<br>1     |
| Hexane  |                         |                                  | 110-54-3                | j   | 7.80E-04                             | יי<br>ב    |

Xylenes NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUIO LIGHT; H) HEAVY LIGHT

MTBE

Phenoi

Styrene

Toluene

Napthalene

1634-04-4

91-20-3

108-95-2

100-42-5

108-88-3

1330-20-7

0.00E+00

1,97E-02

5.25E-02

4.91E-02

0.00E+00

0.00E+00

| SECTION 5, PART B  | 1  | (Tank 13 - NWTC)                         |  |  |                      |                       |           |
|--|--|--|--|--|----------------------|-----------------------|-----------|
|  | OPERATING DATA   |  |  |  |                      |                       |           |
|  | NSUMPTION PER QUARTER  |  | OPERATING SCHEDULE                     |  |                      |                       |           |
| DEC-FEB  | 25   |  | HOURS/DAY                              | 24   |                      |                       |           |
| MAR-MAY  | 25   | •  | DAYS/WEEK                              | 7  |                      |                       |           |
| JUN-AUG  | 25   |  | WEEKS/YEAR                             | 52   |                      |                       |           |
| SEP-NOV  | 25   |  |  |  |                      | •                     |           |
|  | POLLUTION CONTROL EQUIPMEN   | 1 <b>7</b>                               |  |  |                      |                       |           |
| PARAMETER  | TOLED FOR SOME INC.  | PRIMARY                                  |  | SECONDA  | RY                   |                       |           |
| TYPE   |  | N/A                                      |  |  |                      |                       |           |
| TYPE CODE (FROM  | APP. A)  |  |  |  |                      |                       |           |
| MANUFACTURER   |  |  |  |  |                      |                       |           |
| MODEL NUMBER   |  |  |  |  |                      |                       |           |
| PRESSURE DROP (N   | N. OF WATER)   |  |  |  | $\neg$               |                       |           |
| WET SCRUBBER FLO   | OW (GPM)   |  |  |  | Ī                    |                       |           |
| BAGHOUSE AIR/CLC   |  |  |  |  | =                    |                       |           |
|  |  | <u> </u>                                 |  | <b></b>  |                      |                       |           |
|  | VENTILATION AND BUILDING/ARE   | A DATA                                   | STACK DAT                              | <b>ΓΔ</b>  |                      |                       |           |
| ENCLOSED? (Y/N)  |  | N/A                                      | GROUND ELEVATION (FT)                  |  |                      | N/A                   |           |
| HOOD TYPE (FROM  | APP. B)  |  | UTM X COORDINATE (KM)                  |  |                      |                       |           |
| MINIMUM FLOW (ACI  | FM)  |  | UTM Y COORDINATE (KM)                  |  |                      |                       |           |
| PERCENT CAPTURE  | EFFICIENCY   |  | STACK TYPE (SEE NOTE BE                | ELOW)  |                      |                       |           |
| BUILDING HEIGHT (F   | <del>-</del> T)  | STACK EXIT HEIGHT FROM GROUND LEVEL (FT) |  |  |                      |                       |           |
| BUILDING LENGTH (I   | FT)  |  | STACK EXIT DIAMETER (FT                | )  |                      |                       |           |
|  |  |  |  |  |                      |                       |           |
| BUILDING WIDTH (FT   | τ)   |  | STACK EXIT GAS FLOWRAT                 | TE (ACFM)  |                      | l i                   |           |
| BUILDING WIDTH (FT   | r)   |  | STACK EXIT GAS FLOWRAT                 |  |                      |                       |           |
| BUILDING WIDTH (FT   | <b>r)</b>  |  | STACK EXIT GAS FLOWRAT                 |  |                      |                       |           |
|  | AIR POLLUTANT EMISSIONS  |  | STACK EXIT TEMPERATURI                 | E (DEG. F)   |                      |                       |           |
| BUILDING WIDTH (FT   |  | EMISSION'<br>FACTOR                      |  |  | ,<br>ALLOWABL        | LE EMISSIONS          |           |
|  | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI                 | E (DEG. F)  ESTIMATED OR  MEASURED  EMISSIONS  | ALLOWABL<br>(LBS/HR) | E EMISSIONS (TONS/YR) | REFERENCE |
| POLLUTANT  | AIR POLLUTANT EMISSIONS  | FACTOR                                   | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR  MEASURED   |                      |                       | REFERENCE |
| POLLUTANT  | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR  MEASURED  EMISSIONS  |                      |                       | RÉFERENCE |
| POLLUTANT PM PM-10   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR  MEASURED  EMISSIONS  |                      |                       | REFERENCE |
| PM PM-10 SO2   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR  MEASURED  EMISSIONS  |                      |                       | RÉFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO  | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR  MEASURED  EMISSIONS  |                      |                       | RÉFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO  NOx   | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG, F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                      |                       | RÉFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO  NOx  VOC  | AIR POLLUTANT EMISSIONS  | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR  MEASURED  EMISSIONS  |                      |                       | RÉFERENCE |
| POLLUTANT  PM  PM-10  SO2  CO  NOX  VOC  LEAD  | AIR POLLUTANT EMISSIONS CAS NUMBER   | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.2E-01  |                      |                       | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOx VOC LEAD 2,2,4 TMP  | AIR POLLUTANT EMISSIONS CAS NUMBER  540-84-1                                   | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.2E-01  |                      |                       | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOx VOC LEAD 2,2,4 TMP BENZENE  | AMR POLLUTANT EMISSIONS CAS NUMBER  540-84-1 71-43-2                           | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS:HR)   |                      |                       | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOx VOC LEAD 2,2,4 TMP  | AIR POLLUTANT EMISSIONS CAS NUMBER  540-84-1 71-43-2 92-52-4                   | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  (LBS/HR)  3.2E-01  1.2E-03  1.4E-03  0.0E+00                                   |                      |                       | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOx VOC LEAD 2,2,4 TMP BENZENE  | AMR POLLUTANT EMISSIONS CAS NUMBER  540-84-1 71-43-2                           | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                      |                       | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL   | AIR POLLUTANT EMISSIONS CAS NUMBER  540-84-1 71-43-2 92-52-4                   | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.2E-01  1.2E-03  1.4E-03  0.0E+00  2.9E-05                                    |                      |                       | RÉFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS   | AR POLLUTANT EMISSIONS CAS NUMBER  540-84-1 71-43-2 92-52-4 1319-77-3          | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)   |                      |                       | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE  | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8                                     | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.2E-01  1.2E-03  1.4E-03  0.0E+00  2.9E-05                                    |                      |                       | RÉFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE                           | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4                            | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.2E-01  1.2E-03  1.4E-03  0.0E+00  2.9E-05                                    |                      |                       | RÉFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOx VOC LEAD 2,2,4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE                  | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3                   | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBS/HR)  3.2E-01  1.2E-03  1.4E-03  0.0E+00  2.9E-05  2.2E-04  2.3E-03                  |                      |                       | RÉFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE             | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4         | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBSHR)  3.2E-01  1.2E-03  1.4E-03  0.0E+00  2.9E-05  2.2E-04  2.3E-03  0.0E+00          |                      |                       | REFERENCE |
| POLLUTANT  PM PM-10 SO2 CO NOX VOC LEAD 2.2.4 TMP BENZENE BIPHENYL CRESOLS CUMENE ETHYLBENZENE N-HEXANE MTBE NAPHTHALENE | 540-84-1 71-43-2 92-52-4 1319-77-3 98-82-8 100-41-4 110-54-3 1634-04-4 91-20-3 | FACTOR<br>(SEE NOTE                      | STACK EXIT TEMPERATURI PERCENT CONTROL | E (DEG. F)  ESTIMATED OR MEASURED EMISSIONS (LBSHR)  3.2E-01  1.2E-03  1.4E-03  0.0E+00  2.9E-05  2.2E-04  2.3E-03  0.0E+00  4.7E-05 |                      |                       | REFERENCE |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LIBSUNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

1330-20-7

XYLENES

1.1E-03

| DEQ USE ONLY  |                         |  |   |                    |
|---|-------------------------|--|---|--------------------|
| DEQ PLANT ID CODE   | DEQ PROCESS CODE        |  | DEQ STACK ID COL                            | DE                 |
| DEQ BUILDING ID CODE  | PRIMARY SCC             |  | SECONDARY SCC                               |                    |
| DEQ SEGMENT CODE  |                         |  |   |                    |
|   |                         |  |   |                    |
| PART A: GENERAL INFORMATION   |                         |  | ,   |                    |
| PROCESS CODE OR DESCRIPTION   | Storage of petroleum    | products                                 |   |                    |
| STACK DESCRIPTION   | N/A                     |  |   |                    |
| BUILDING DESCRIPTION  | Tank 167 (NWTC)         |  |   |                    |
| DATE INSTALLED OR 1953 LAST MODIFIED                                  |                         |  |   |                    |
| GENERAL TANK AND MATERIAL HANDLI                                      | NG DATA                 |  |   |                    |
| MATERIAL DESCRIPTION Transmix   |                         | ]  |   |                    |
| TANK CAPACITY (GALLONS) 126,000                                       | ANNUAL THROUGHPUT (C    | GALLONS)                                 | 1,999,998                                   | ,                  |
| TANK TYPE 02 PLEASE CHOOSE FROM BELOW (01) FIXED ROOF;                |                         | SOURCE<br>PLEASE CHOOS<br>(01) PIPELINE; | 01<br>SE FROM BELOW                         |                    |
| (02) FLOATING ROOF (OR INTERNAL COVER);<br>(03) VARIABLE VAPOR SPACE; |                         | (02) RAIL CAR;<br>(03) TANK TRU          |   | •                  |
| (04) PRESSURE TANK;   |                         | (04) SHIP BAR<br>(05) OTHER              | GE;   |                    |
| (05) UNDERGROUND - SPLASH LOADING<br>(06) OTHER                       |                         | (00) 0777211                             |   |                    |
| ADDITIONAL VAPOR PHASE DEGREASIN                                      | C DATA                  |  |   |                    |
| MANUFACTURER OF DEGREASING AGENT                                      | GDATA                   |  | TANK SURFACE AF                             | RFA (SQ. FT)       |
|   |                         |  | METHOD OF VAPO                              |                    |
| TEMPERATURE OF DEGREASING AGENT IN TANK (DEG.                         | F)                      |  | Please choose from (01) Incineration;       |                    |
|   |                         |  | (02) Refrigerated Li<br>(03) Refrigerated C |                    |
|   |                         |  | (04) Carbon Adsorp<br>(05) Vapor Return S   | tion;              |
|   |                         |  | (06) No Recovery S                          |                    |
|   |                         |  | (07) Other                                  |                    |
| ADDITIONAL MATERIAL HANDLING DATA                                     | <b>A</b>                |  |   |                    |
| PHYSICAL STATE  | NUMBER OF               |  | NUMBER OF COMPRESSOR                        | NUMBER OF IN-LINE  |
| (SEE NOTE BELOW) L & H mix  | PUMP SEALS<br>NUMBER OF | **                                       | SEALS *** NUMBER OF OPEN-ENDED              | VALVES [** ]       |
| NUMBER OF SAFETY RELIEF VALVES  | FLANGES                 | ••                                       | LINES **                                    | CONNECTIONS **     |
| MATERIAL DATA   |                         |  |   |                    |
| HAP DESCRIPTION   |                         |  | HAP CAS                                     | HAP FRACTION IN    |
|   |                         |  | NUMBER                                      | MATERIAL BY WEIGHT |
| 2,2,4 TMP   |                         |  | 540-84-1                                    | 0.00E+00           |
| Benzene   |                         |  | 71-43-2                                     | 1.29E-02           |
| Biphenyl  |                         |  | 92-52-4                                     | 0.00E+00           |
| Cresols   |                         |  | 1319-77-3                                   | 1.50E-03           |
| Cumene  |                         |  | 98-82-8                                     | 9.26E-03           |
| Ethylbenzene  |                         |  | 100-41-4                                    | 1.34E-02           |
| Hexane  |                         |  | 110-54-3                                    | 7.80E-04           |
| MTBE  |                         |  | 1634-04-4                                   | 0.00E+00           |
| Napthalene  |                         |  | 91-20-3                                     | 1.97E-02           |
| Phenol  |                         |  | 108-95-2                                    | 5.25E-02           |
| Styrene   |                         |  | 100-42-5                                    | 4.91E-02           |
| Toluene   |                         |  | 108-88-3                                    | 0.00E+00           |
| Xylenes   |                         |  | 1330-20-7                                   | 0.00E+00           |
|   |                         |  |   |                    |

| SECTION 5, PAR    | тв                                      | (Tank 167 - NWTC    | )                     |                        |          |            |           |
|-------------------|---|---------------------|-----------------------|------------------------|----------|------------|-----------|
| DEDCEME EVEL      | OPERATING DATA  CONSUMPTION PER QUARTER |                     |                       |                        |          |            |           |
|                   |   |                     | OPERATING SCHE        | DULE                   |          |            |           |
| DEC-FEB           | 25                                      |                     | HOURS/DAY             | 24                     |          |            |           |
| MAR-MAY           | 25                                      |                     | DAYS/WEEK             | 7                      |          |            |           |
| JUN-AUG           | 25                                      |                     | WEEKS/YEAR            | 52                     |          |            |           |
| SEP-NOV           | 25                                      |                     |                       | •                      |          |            |           |
|                   | POLLUTION CONTROL EQU                   | IPMENT              |                       |                        |          |            |           |
| PARAMETER         |   | PRIMARY             |                       | SECO                   | NDARY    |            |           |
| TYPE              |   | N/A                 |                       |                        |          |            | 1         |
| TYPE CODE (FRO    | MAPP.A)                                 |                     |                       |                        |          |            | •         |
| MANUFACTURER      |   |                     |                       |                        |          |            | 1         |
| MODEL NUMBER      |   |                     |                       |                        |          |            | i         |
| PRESSURE DROP     | (IN. OF WATER)                          |                     |                       |                        |          |            | J         |
| WET SCRUBBER F    | FLOW (GPM)                              |                     |                       |                        | ===      |            |           |
| BAGHOUSE AIR/CI   | LOTH RATIO (FPM)                        |                     |                       |                        |          |            |           |
|                   |   |                     |                       | · .                    |          |            |           |
|                   | VENTILATION AND BUILDING                | F                   | STAC                  | CK DATA                |          |            |           |
| ENCLOSED? (Y/N)   |   | N/A                 | GROUND ELEVATION      | N (FT)                 |          | N/A        |           |
| HOOD TYPE (FROM   |   |                     | UTM X COORDINATE      | (KM)                   |          |            |           |
| MINIMUM FLOW (A   |   |                     | UTM Y COORDINATE      | (KM)                   |          |            |           |
| PERCENT CAPTUR    |   |                     | STACK TYPE (SEE NO    | OTE BELOW)             |          |            |           |
| BUILDING HEIGHT   |   |                     | STACK EXIT HEIGHT I   | FROM GROUND LEVEL (FT) |          |            |           |
| BUILDING LENGTH   |   |                     | STACK EXIT DIAMETE    | ER (FT)                |          |            |           |
| BUILDING WIDTH (F | FT)                                     |                     | STACK EXIT GAS FLO    | WRATE (ACFM)           |          |            |           |
|                   |   |                     | STACK EXIT TEMPERA    | ATURE (DEG. F)         |          |            |           |
|                   | AIR POLLUTANT EMISSIONS                 |                     |                       |                        |          |            |           |
| POLLUTANT         | CAS NUMBER                              | EMISSION*           | PERCENT               | ESTIMATED OR           |          |            |           |
|                   |   | FACTOR<br>(SEE NOTE | CONTROL<br>EFFICIENCY | MEASURED               |          | EEMISSIONS |           |
|                   |   | BELOW)              | EFFICIENCY            | EMISSIONS<br>(LBS/HR)  | (LBS/HR) | (TONS/YR)  | REFERENCE |
| PM                |   |                     |                       |                        |          |            |           |
| PM-10             |   |                     |                       |                        |          |            |           |
| SO2               |   |                     |                       |                        |          | 一一         |           |
| со                |   |                     |                       |                        |          |            |           |
| NOx               |   |                     |                       |                        |          |            |           |
| voc               |   |                     |                       | 2.6E+00                |          |            |           |
| LEAD              |   |                     |                       |                        |          |            |           |
| 2,2,4 TMP         | 540-84-1                                |                     |                       | 7.9E-03                |          |            |           |
| BENZENE           | 71-43-2                                 |                     |                       | 1.0E-02                |          |            |           |
| BIPHENYL          | 92-52-4                                 |                     |                       | 0.0E+00                |          |            |           |
| CRESOLS           | 1319-77-3                               |                     |                       | 0.0E+00                |          |            |           |
| CUMENE            | 98-82-8                                 |                     |                       | 5.0E-05                |          |            |           |
| ETHYLBENZENE      | 100-41-4                                |                     |                       |                        |          |            |           |
| N-HEXANE          | 110-54-3                                |                     |                       | 6.6E-04                |          |            |           |
| MTBE              | 1634-04-4                               |                     |                       | 1.8E-02                | <u> </u> |            |           |
| NAPHTHALENE       | 91-20-3                                 |                     |                       | 0.0E+00                |          |            |           |
| PHENOL            | 108-95-2                                |                     | <u> </u>              | 4.9E-06                |          |            |           |
| STYRENE           | 100-42-5                                |                     |                       | 0.0E+00                |          |            |           |
| TOLUENE           |   |                     |                       | 3.7E-05                |          |            |           |
|                   | 108-88-3                                |                     |                       | 1.2E-02                |          |            |           |
| KYLENES           | 1330-20-7                               | L                   |                       | 2.9E-03                |          |            |           |

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

\* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

| SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS                           |                         |                        |   |                         |  |                          |          |  |
|---|-------------------------|------------------------|---|-------------------------|--|--------------------------|----------|--|
| DEQ USE ONLY  |                         |                        |   |                         |  |                          |          |  |
| DEQ PLANT ID CODE   |                         | DEQ PROCESS CODE       |   | I                       | DEQ STACK ID CODE  |                          |          |  |
| DEQ BUILDING IO CODE  |                         | PRIMARY SCC            |   |                         | SECONDARY SCC  |                          |          |  |
| DEQ SEGMENT CODE  |                         |                        |   |                         |  |                          |          |  |
| PART A: GENERAL INFO  | RMATION                 |                        |   |                         |  |                          |          |  |
| PROCESS CODE OR DESCRIPT  | TION                    | Storage of petroleum p | products  | ·                       |  |                          |          |  |
| STACK DESCRIPTION   |                         | N/A                    |   |                         |  |                          |          |  |
| BUILDING DESCRIPTION  |                         | Tank 208 (NWTC)        |   |                         |  |                          |          |  |
| DATE INSTALLED OR   | 1956                    |                        |   | •                       |  |                          |          |  |
| LAST MODIFIED   |                         |                        |   |                         |  |                          |          |  |
| GENERAL TAN   | K AND MATERIAL HANDLI   | NG DATA                |   |                         |  |                          |          |  |
| MATERIAL DESCRIPTION  | Gasoline                |                        | _   |                         |  |                          |          |  |
| TANK CAPACITY (GALLONS)   | 924,000                 | ANNUAL THROUGHPUT (C   | GALLONS)  | 69,407,016              |  |                          |          |  |
| TANK TYPE PLEASE CHOOSE FROM BELO (01) FIXED ROOF; (02) FLOATING ROOF (OR INT (03) VARIABLE VAPOR SPACE | ERNAL COVER);           |                        | SOURCE PLEASE CHOOS (01) PIPELINE; (02) RAIL CAR; (03) TANK TRUG (04) SHIP BARG | CK;                     |  |                          |          |  |
| (04) PRESSURE TANK;<br>(05) UNDERGROUND - SPLAS   | H LOADING               |                        | (05) OTHER  |                         |  |                          | }        |  |
| (06) OTHER  |                         |                        |   |                         |  |                          |          |  |
| ADDITIONAL V  | APOR PHASE DEGREASIN    | G DATA                 |   |                         |  |                          |          |  |
| MANUFACTURER OF DEGREA  | SING AGENT              |                        |   |                         | TANK SURFACE AREA (S   | Q. FT)                   | L        |  |
| TEMPERATURE OF DEGREAS  | ING AGENT IN TANK (DEG. | F)                     |   |                         | METHOD OF VAPOR REC<br>Please choose from below<br>(01) Incineration;<br>(02) Refrigerated Liquid S<br>(03) Refrigerated Condens<br>(04) Carbon Adsorption;<br>(05) Vapor Return System<br>(06) No Recovery System<br>(07) Other | crubber,<br>ser,<br>;    |          |  |
| ADDITIONAL N  | NATERIAL HANDLING DAT   | A                      |   |                         |  |                          |          |  |
| PHYSICAL STATE  |                         | NUMBER OF              |   | NUMBER OF COMP          | RESSOR   | NUMBER OF IN-LIN         | Æ        |  |
| (SEE NOTE BELOW)  | L                       | PUMP SEALS             | **  | SEALS<br>NUMBER OF OPEN | L  | VALVES<br>NUMBER OF SAMP | L        |  |
| NUMBER OF SAFETY<br>RELIEF VALVES   | **                      | NUMBER OF<br>FLANGES   | **  | LINES                   | <b>**</b>  | CONNECTIONS              | **       |  |
| MATERIAL DA   | TA .                    |                        |   | HAP CAS                 |  | HAP FRACTION IN          |          |  |
| HAP DESCRIPTION   |                         |                        |   | NUMBER                  | 3  | MATERIAL BY WEIGH        | 1        |  |
| 2,2,4 TMP   |                         |                        |   | 540-84-1                | ]  | 0.00E+00                 | 1        |  |
| Benzene   |                         |                        |   | 71-43-2                 | -<br>1   | 1.29E-02                 | -<br>1   |  |
| Biphenyl  |                         |                        |   | 92-52-4                 | -<br>1   | 0.00E+00                 | -        |  |
| Cresols   |                         |                        |   | 1319-77-3               | -<br>1   | 1,50E-03                 | -<br>1   |  |
| Cumene  |                         | ·                      | •   | 98-82-8                 | -<br>1   | 9.26E-03                 | -<br>1   |  |
| Ethylbenzene  |                         |                        |   | 100-41-4                | -<br>1   | 1.34E-02                 | -        |  |
| Hexane  |                         |                        |   | 110-54-3                |  | 7.80E-04                 | 7        |  |
| MTBE  |                         |                        |   | 1634-04-4               | 1  | 0.00E+00                 | -<br>1   |  |
| Napthalene  |                         |                        |   | 91-20-3                 |  | 1.97E-02                 | -        |  |
| 5t I  |                         |                        |   | 108-95-2                |  | 5.25E-02                 | <u>'</u> |  |

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

Phenol

Styrene

Toluene

Xylenes

100-42-5

108-88-3

1330-20-7

4.91E-02

0.00E+00

0.00E+00